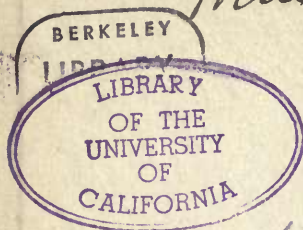
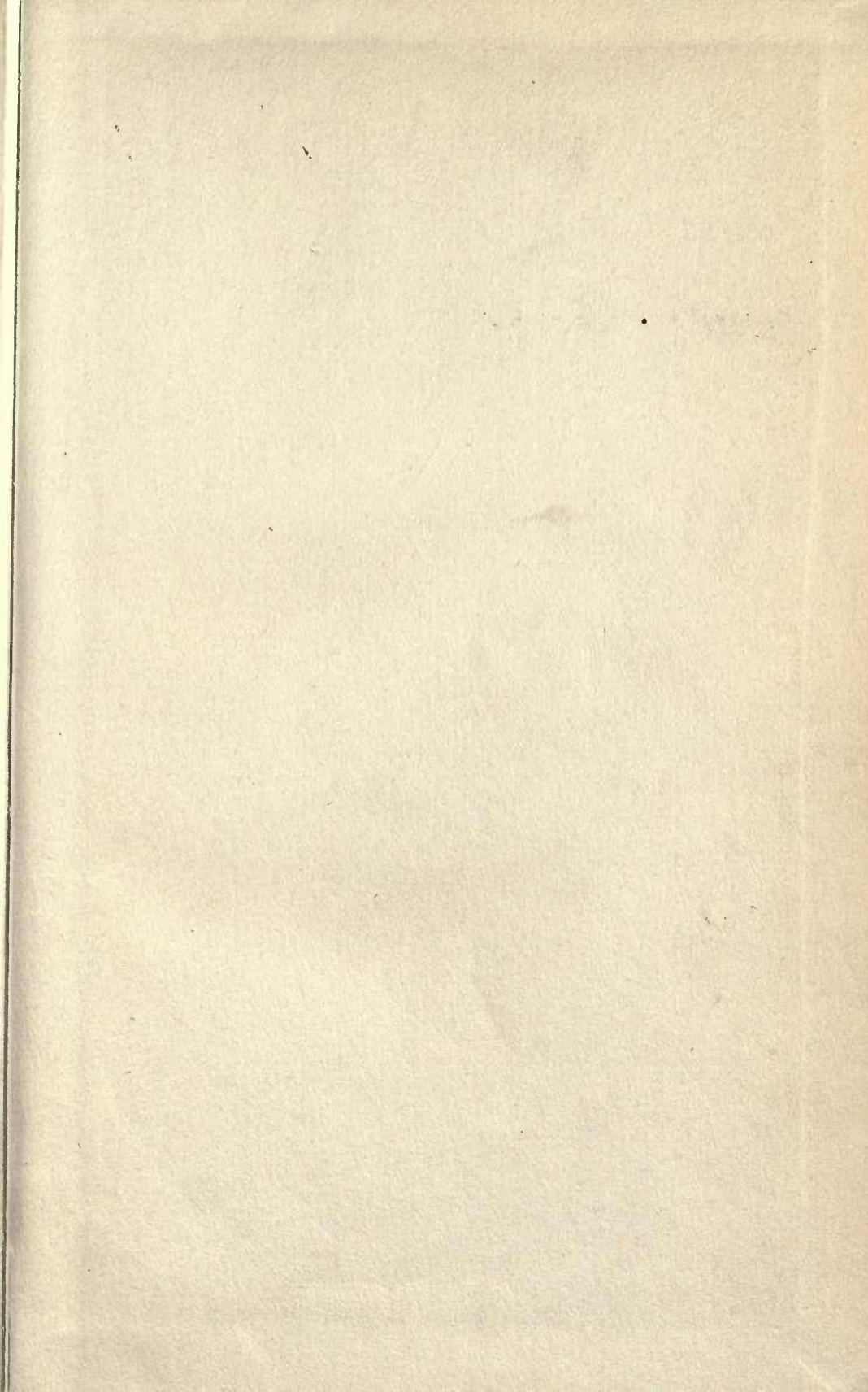


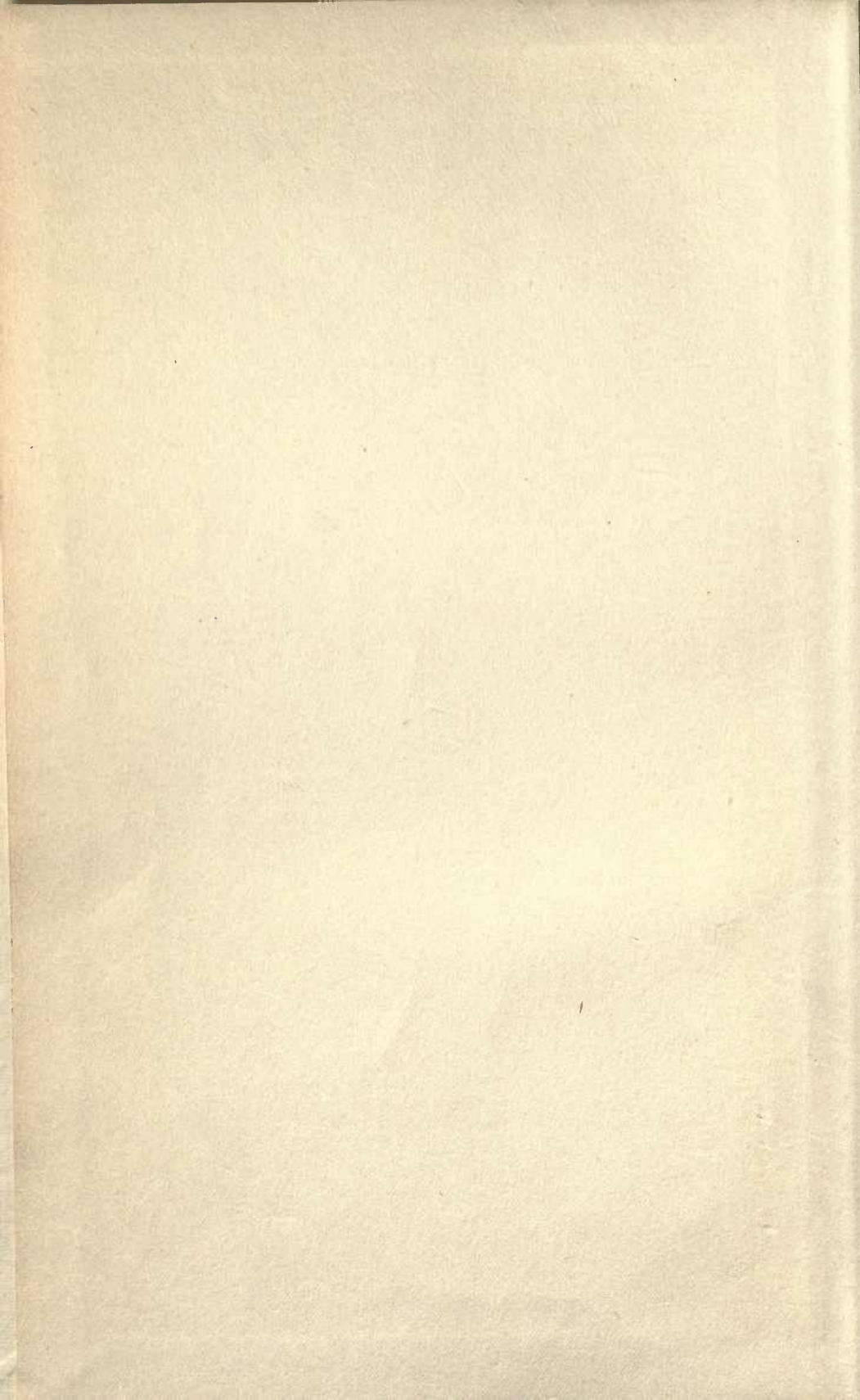
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BULLETIN

OF THE

UNITED STATES NATIONAL MUSEUM.

No. 37.

A PRELIMINARY CATALOGUE OF THE SHELL-BEARING MARINE
MOLLUSKS AND BRACHIOPODS OF THE SOUTHEASTERN
COAST OF THE UNITED STATES, WITH ILLUS-
TRATIONS OF MANY OF THE SPECIES.

BY

WILLIAM HEALEY DALL, A. M.,

Honorary Curator Department of Mollusks, U. S. National Museum.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1889.

ADVERTISEMENT.

The present publication (Bulletin No. 37) is the forty-eighth of a series of papers intended to illustrate the collections of natural history and ethnology belonging to the United States, and constituting the National Museum, of which the Smithsonian Institution was placed in charge by the act of Congress of August 10, 1846.

The publications of the National Museum consist of two series—the Bulletins, of which this is No. 37, in continuous series, and the Proceedings, of which the eleventh volume is now in press.

The volumes of the Proceedings are printed, signature by signature, each issue having its own date, and a small edition of each signature is distributed to libraries promptly after its publication.

Full lists of the publications of the Museum may be found in the current catalogues of the publications of the Smithsonian Institution.

Papers intended for publication in the Proceedings and Bulletins of the National Museum are referred to the Committee on Publications, consisting of the following members: T. H. Bean, A. Howard Clark (editor), Otis T. Mason, John Murdoch, Leonhard Stejneger, Frederick W. True, and Lester F. Ward.

S. P. LANGLEY,

Secretary of the Smithsonian Institution.

WASHINGTON, May 27, 1889.

A PRELIMINARY CATALOGUE

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REPRINT

To which are added twenty-one plates not in the edition of 1889.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.

1903.

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PREFACE TO THE REPRINT.

Although I have for some time contemplated a revision of this bulletin, for which I have accumulated much material, the pressure of other work has prevented this plan from being carried out. Meanwhile the usefulness of the book as a handy illustrated catalogue has resulted in the complete exhaustion of the original edition, and the reprinting of it from the stereotype plates became necessary. Doctor Agassiz most courteously lent the original drawings of Plates X to XXXVI, which, in the edition of 1889, were printed from the lithographic stones prepared for the Blake Report and which are in that form no longer available. To increase the usefulness of the work 21 additional plates from the Proceedings of the United States National Museum, published since 1889, have been added to the 74 originally contained in this bulletin, making a total of 95 plates, containing about 1,192 figures of 770 species. The defects of a hastily compiled catalogue and the deficiencies due to lapse of time and the progress of science, although not to be ignored, it is hoped will be outweighed by the convenience for collectors of a systematic list so abundantly illustrated and to which is added the very considerable amount of information as to distribution in latitude, range in depth and time, etc., which are included in compact form in the tables.

The reader should note that no change whatever has been made in the text, except the addition of (1) this preface; (2) of explanations to the new plates, and (3) a supplementary index of the species represented on the newly added plates, some of which do not occur in the tables.

The author will be gratified to receive from any source data or material useful for correcting or amplifying this list in the still projected future revision.

WILLIAM HEALEY DALL.

WASHINGTON, D. C., *February, 1903.*

INTRODUCTION.

This work is intended to assist students of the Mollusca in the United States, by bringing together for their use a large number of excellent figures of species belonging to or illustrating the fauna of the southern and southeastern coasts of the United States, from Cape Hatteras south to the Straits of Florida and west to Mexico, with the adjacent waters.

These figures are explained and connected by a catalogue of the mollusks known to inhabit that region, either from the presence of authenticated specimens in the National Museum or on the authority of reputable naturalists who have collected in the region and whose specimens have been seen or reliably identified.

This catalogue, arranged for convenience in tabular form, includes not only the species which are illustrated on the plates but all other species common to the region, as far as known.

Hitherto there has been no catalogue which covered just this ground. There are several catalogues of marine species of particular West Indian islands. There are several lists of Floridian shells, the fullest and best being that just completed in the Proceedings of the Davenport Academy of Sciences by Mr. Charles T. Simpson. These all refer, however, to a much more restricted field than the present list, and the nomenclature in some cases is more or less inaccurate, as of course must be the case with all lists, each of which, in spite of its inevitable imperfections, should show some advance over its predecessors. This is all that the writer would claim for the present catalogue, which, owing to peculiar circumstances, has been rather hurriedly decided upon and rapidly prepared.

In order that the number of columns in the table should be compressed within the space of two opposite pages and yet admit of the use of brevier type, it has been necessary to limit the number of stations in the geographical series so that each column should represent a stretch of coast and seaward from it the archibenthal area or continental slope beyond the fifty-fathom line to the oceanic floor. Then various puzzling questions arose in attempting to decide which column should be used in certain cases; as, for instance, in specimens dredged in the path of the Gulf Stream between Cuba and the Florida Keys. They might with equal propriety be assigned to the "Florida Keys" or to the "West Indies" column, or to both. In all cases the facts have been

closely adhered to, as in leaving blank the "Georgia" column when specimens had been collected only in South Carolina and East Florida, with no data for the intermediate stretch of coast. This will show the real gaps in our knowledge of the distribution, and it is to be hoped will stimulate local students to fill them up.

The extreme northern and extreme southern range are generally given. When a species has been obtained off shore, and at one locality only, the extreme is usually noted in one column only, with a leaning toward the northern column when the species is supposed to be a southern form and to the southern column when it is thought to extend from the colder area. These assignments must often be conjectural, but when clearly understood they should not be in any way misleading.

There are many unidentified species from this region in the National collection, a large proportion of which may prove to be new. In such cases the insertion of their distribution, as far as known, may lead to fuller investigation by collectors, though no specific name can be applied to them in the catalogue.

When a species whose name appears in one of the cited publications is not found in this catalogue, or is not cited from the locality to which the published authority refers it, the reader may infer that either the prior identification is here regarded as inaccurate, or, more generally, that the prior name is not entitled to be used.

In many cases the full explanation for such changes will be found in the Report on the Blake Mollusca, but in the present catalogue it has been quite impracticable, as well as undesirable, to attempt any synonymy.

The writer has attempted to steer a middle course between overdivision of large natural groups and the conservatism which confounds unlike things together. It is not to be expected that his decisions will be universally acceptable or satisfactory, since there are "many men, many minds" in biology as well as worldly affairs.

In practice, to be a good systematic malacologist requires much study and a wide knowledge of the literature. It is no longer possible in systematic conchology for a student to acquire facility without a good library and long practice. One may be a good naturalist and do valuable work for science, however, without being a systematist, and the field of work is so vast that the earnest worker may keep himself employed in almost any district south of Sandy Hook. The writer has found a reasonable amount of subdivision of the familiar genera of use in clear thinking and in endeavoring to formulate accurately the facts of nature. Subgenera and sections have therefore been introduced into the catalogue, to be used or discarded as the reader may prefer.

Some groups have been pretty thoroughly investigated and the subdivisions may be named with confidence, and have therefore been inserted. In other cases a thorough revision is yet to be made and the subdivisions can not be named with confidence, and, therefore, are to a

great extent omitted. This list approximately represents our present knowledge, both in its acquirements and its defects, and is intended as a help toward something better and not in any sense as a finality in nomenclature or distribution.

We may now proceed to an explanation of the form and scope of the Tables.

Taking the columns serially, the first carries a serial number useful for check-list and exchange purposes. Then follows the name and authority. Then comes a column referring to the number of the plate or plates, and another for the numbers of the figures. As the figures on most of the plates are drawn to very different scales, a column is inserted, giving the maximum length; axial in Gastropods, antero-posterior in Pelecypods, of the specimen in millimeters. One millimeter is practically one twenty-fifth, or four one-hundredths, of an inch, so that for those unaccustomed to the metric system there is little difficulty in reducing the millimeters to fractions of an inch.

When no dimension is given in the column it will be understood that the figure, if any, is of the size of nature; or that its magnification or diminution is stated on the plate itself, or represented there by a line or other conventional sign.

The next column states the range in depth as far as known of each species in the form of a fraction, the least depth forming the numerator and the greatest observed depth the denominator. Where a zero occurs it indicates that the species is found at low-water mark. The maximum and minimum are selected from the whole range, domestic or exotic, recorded for the species in question. When no depth is stated it will be understood that the species is supposed to inhabit the shallow water near shore or between tides.

This is succeeded by a column in which the extreme northern limit, locality, or region of the species referred to is recorded. When this relates to a locality within our special region there will seem sometimes to be a discrepancy; as, for instance, when a species appears as present in the "Hatteras" column, while in the "northern extreme" column Charleston, S. C., will be found. But, as will be immediately shown, Hatteras in the heading of the column does not mean a locality but a district, extending from Savannah, Georgia, to Cape Hatteras, North Carolina, so that the discrepancy is only apparent. In the off-shore dredgings it has been practicable sometimes to give only the latitude, or a general term such as "Arctic seas," to indicate the northernmost distribution of a species, since there has been no adjacent landmark to cite for northern limit. When a species has its northern limit on the rich archibenthal grounds off Block Island and the Vineyard, or Nantucket, I have indicated this by "Rhode Island" in the column, since this sufficiently guides foreign students who might be puzzled by the other names so much less apt to be found on small-scale maps of our eastern coast. The data for such species will be found chiefly in the

papers on material gathered by the U. S. Fish Commission, contributed by Prof. A. E. Verrill to the Transactions of the Connecticut Academy of Sciences, to the American Journal of Science, and to the Reports of the U. S. Fish Commissioner for 1871-'72 and 1883.

Then follow ten columns, each representing a district, as follows :

1. *New Jersey* (N. J.). This includes the coast and adjoining archibenthal area from the entrance of Chesapeake Bay to Sandy Hook at the south point of entrance to New York Bay and Harbor.
2. *Virginia* (Va.). This includes the coast, etc., from Cape Hatteras, North Carolina, to the mouth of Chesapeake Bay.
3. *Hatteras* (Hat.). This district extends from the mouth of the Savannah River, Georgia, to Cape Hatteras, North Carolina, with the adjacent archibenthal area.
4. *Georgia* (Ga.). At Cape Canaveral, Florida, the path of the Gulf Stream seems to diverge more from the main coast than previously. It seems that a good many southern species do not reach farther north on the shores than Cape Canaveral. Therefore this district from Cape Canaveral to the Savannah River has been separated from the one that I have called East Florida.
5. *East Florida* (East Fla.). This includes the region between Biscayne Bay and Cape Canaveral.
6. *Florida Keys* (Fla. Keys). This region, very intimately connected, faunally, with the northern shores of Cuba opposite, and with the Bahamas, includes the region south of Biscayne Bay on the east, and south of the southern entrance to Charlotte Harbor on the west side of the Peninsula, to and including the Keys and Tortugas reefs and islands.
7. *West Florida* (West Fla.). This includes the region north of the south entrance to Charlotte Harbor and westward to the Mississippi delta along the shore and the archibenthal area of the Gulf of Mexico westward from the peninsula to west longitude 90°, and southward to the trough between Cuba and Florida.
8. *Texas* (Tex.). In this district I include the shores of the United States from the Mississippi delta to the Rio Grande and the archibenthal area southward from it in the Gulf of Mexico to Yucatan.
9. *West Indies* (West Ind.). In this district, for want of space on the page, I have been obliged to include all of the Antilles, the Bahamas, and the shores and islands of the Caribbean Sea. The particular southern extension of a species not known to extend throughout this area will be indicated by the entry in the "southern limit" column. No species not figured on the plates, or common to the coast of the United States, is admitted in the catalogue, so that the West Indian or Antillean fauna properly so-called is almost wholly excluded from this enumeration. Some few species, which are strictly Antillean, as far as known, are included because it was necessary to refer to their figures on the plates, but the distribution as recorded in the table will enable any one desiring to discuss the purely North American species to identify and exclude these extra-limital forms without difficulty. To make the distinction more apparent their names appear in italics in the catalogue.
10. *Bermuda*. The island of Bermuda and its associated reefs is intimately allied by its mollusk fauna to the region of the Florida Keys and Northern Antilles. A column has therefore been provided for it.

A few species common to our southern coast are also found without essential modification still living on the west coast of Central America,

Mexico, or California. These forms are very interesting, as most of the species originally common to both have developed special modifications since the separation of the two oceans, so as to be entitled to separate specific names.

A column (West. Am.) is devoted to recording those found on both sides of the continent yet which still remain essentially unchanged, and another (Eur.) to those whose range extends to European shores.

Another column is devoted to the southern extreme limit (as far as known) of the species enumerated in the catalogue, corresponding on the south to the column for northern limit on the north. Many Antillean species extend on the Brazilian coast far south of Cape San Roque, but our records for this region are very imperfect, and many of the items in this column are due to the data obtained by the U. S. Fish Commission steamer *Albatross* on her voyage from the Chesapeake Bay around to California via the Straits of Magellan only a year ago.

A column records the oldest known appearance of a species in geological time. This column is very imperfect and inadequate to express the real state of the case, since many of our recent species have been described from our southern tertiaries under other names, and the duplication thus occasioned, except in a comparatively small number of species, still remains to be worked out. It was thought well, however, to make a beginning in the matter in this instance.

This completes our description of the table, which will enable any one to use the latter intelligently and without misconception.

In making entries in the columns showing distribution an asterisk shows that the species is known from that region from the shores, either picked up on the beach or found living between high water and fifty fathoms, or that the depth it inhabits is not known but is supposed to be small. In cases where the species is recorded from the archibenthal area only, say 50 to 800 fathoms, its presence is indicated by a dagger point in the column. When both an asterisk and a dagger point are found in a single column the species is supposed to occur, or is recorded as obtained, both in shallow and in deep water, within the limits of that region or district. Many southern species, found in the cool water of the deeps in the south, approach the surface in the cooler surface waters of their northern range. *Vice versa*, we find northern littoral species seeking the deeps as they approach the limits of their southern range. A glance at the columns frequently will illustrate these facts.

The data from which the tables which form the bulk of this publication have been compiled are chiefly comprised in the collections of the U. S. National Museum, the Museum of Comparative Zoology in Cambridge, Mass., and the publications of the writer on these collections. The works in which detailed information has been chiefly sought are specified on another page, but the most important for this purpose has been the Report on the Blake Brachiopoda, Pelecypoda,

Gastropoda, and Scaphopoda, published in two parts by the Museum of Comparative Zoology, under the direction of Prof. Alexander Agassiz. The generosity of Professor Agassiz in permitting the use of plates prepared for that report was decisive in insuring the preparation of this list. Other plates are made up of figures which have appeared in the annual reports of the U. S. Commissioner of Fish and Fisheries; in the Proceedings of the National Museum; the edition of Gould's Invertebrata of Massachusetts, edited by Mr. W. G. Binney; Professor Verrill's and Miss Bush's papers in the Transactions of the Connecticut Academy of Sciences; and the publications of the British Museum. For the use of these cuts we are indebted chiefly to the Smithsonian Institution and the U. S. Commissioner of Fisheries, Col. Marshall Macdonald.

In including or omitting groups of mollusks in this catalogue the compiler has necessarily been guided by convenience rather than systematic completeness. Some groups, such as the Nudibranchiata, are so imperfectly known from the region south of New England that it becomes imperative that they should be entirely omitted. An attempt to include them would certainly have been more likely to retard than to advance the progress of science. For the same reason partly, and partly because it is impracticable to reproduce the figures, the entire group of Cephalopoda, except the Argonaut and Spirula, has been left out. Those who desire to study these difficult animals are referred to Professor Verrill's excellent reports upon the subject in the Bulletin of the Museum of Comparative Zoology and the Transactions of the Connecticut Academy of Sciences. The two exceptions are included merely because of one we have an excellent figure, and the shell of the other is frequently obtained by collectors on our southern shores.

Among those animals which frequent the sea-shore and are often found in as well as near the water, though really air-breathers, the *Auriculidæ*, *Siphonariidæ*, and *Gadiniidæ* can almost be regarded as marine. Having good figures of some of them and desiring to err, if at all, on the side of convenience to the amateur collector or beginner in conchology, they have been included in our list. For the same reason *Neritina*, *Cyrena*, etc., have been inserted even when not strictly salt-water species.

The Pteropods, of the sea off our coasts, are rarely found by collectors, and the nomenclature is not in a satisfactory state. Still it was thought best to include a list of the species taken, with some additions, chiefly from Professor Verrill's papers, though completeness or entire accuracy is not claimed for it. The Heteropods, except *Atlanta Carinaria* and *Oxygyrus*, are not included.

It will be seen from these explanations that the present catalogue is a working list for the benefit of collectors and students, rather than a scientific treatise or thoroughly revised enumeration of the mollusk fauna. Indeed it is in its quality of a stepping-stone to the latter that

such value as it may possess inheres. Experience has shown that check-lists, however imperfect in themselves, are extremely useful in stimulating faunal research, and it is in the hope that this result will be secured that the compiler finds his chief return for the labor and time expended upon a confessedly imperfect production.

Having been for some time engaged in a revision of the general system for the classification of Pelecypods, which will shortly appear in print, the revised classification has been used in the List of Pelecypoda, Table II, as far as it is applicable thereto.

The writer is under particular obligations to Prof. Alexander Agassiz, as already stated, and also to Professor Verrill and Miss Bush for the use of drawings and for an unpublished list of shallow-water mollusks obtained near Cape Hatteras, which has added to our list several species and confirmed several others about which I had felt some doubt. The different sources of the figures will be found acknowledged under the "Explanation of the Plates" in each case.

In conclusion, the writer expresses his obligation to the gentlemen whose writings have been laid under contribution; to all who have facilitated his endeavors to form a representative collection of this mollusk fauna, for the use of students in the National collection; and to Dr. R. E. C. Stearns, of the U. S. Geological Survey, for invaluable personal assistance. The compiler solicits correspondence from all interested, toward the improvement of this catalogue and especially series of the local shells from any point on the coast which may shed light on the geographical distribution of the species. Such correspondence or material may be addressed to the Curator of the Department of Mollusks at the U. S. National Museum, Washington, D. C., or in care of the Smithsonian Institution.

WASHINGTON, *May* 15, 1889.

LIST OF WORKS REFERRED TO FOR THE GEOLOGICAL OR GEOGRAPHICAL DISTRIBUTION OF SPECIES CITED IN THIS CATALOGUE, OR CONTAINING ENUMERATIONS OF LOCAL FAUNÆ INCLUDED IN THE GENERAL REGION TO WHICH THIS CATALOGUE RELATES.

Adams (Charles Baker). *Specierum novarum conchyliorum in Jamaica repertorum synopsis.*

In Boston Society of Natural History; Proceedings. Boston, the society, 1845.

Vol. II, pp. 1-17, Jan., 1845. 8°.

——— *Contributions to conchology.* New York, H. Baillière, Oct. 1849-Nov. 1852.

Vol. I, iv, 258 pp. 8°. This was published in short, carefully dated parts, the dates of which it seems unnecessary to cite.

——— *Monograph of Vitrinella, a new genus of new species of Turbinidæ.* Amherst, Mass., the author, Feb., 1850.

10 pp. 8°.

American Journal of Conchology, edited by George W. Tryon, jr. Philadelphia, G. W. Tryon, jr. 1865-1866.

2 vols. 8°. Also:

——— *The same.* Philadelphia, Conchological Section of the Academy of Natural Sciences, 1867-1872.

5 vols. 8°.

Arango y Molina (Rafael). *Contribucion á la fauna malacológica Cubana.* Habana, G. Montiel y Comp., 1878.

Pp. 280, 35. 8°. This work was first printed in the *Anales de la Real Academia de Ciencias Médicas, Físicas y Naturales de la Habana*, beginning in March, 1878; to signature 3, May 15, 1878; to signature 12, January 15, 1879; to signature 14, February 15, 1879; to signature 15, April 15, 1879; to signature 17, June 15, 1879; and the remainder July 15, 1880, with a separately paged index.

Beau (Commandant). *Catalogue de coquilles recueillies à la Guadeloupe et ses dépendances.* Par M. Beau, chef de bataillon d'infanterie de la marine. Précédé d'une introduction par M. P[aul] Fischer. Paris, Paul Dupont, 1858.

Pp. 27. 8°. Ext. de la *Revue Coloniale*. 8°. Paris, Paul Dupont, Déc. 1857. Title on cover.

Binney (William G.). *Bibliography of North American conchology previous to the year 1860.* Washington, the Smithsonian Institution, 1863-1864.

2 v. Vol. I, viii, 650 pp.; vol. II, iv, 298 pp. 8°. This is Smithsonian Miscellaneous Collections No. 174. From the titles contained in it a large number of references might have been cited, where but a few species are mentioned in a given publication, but the numerous papers of this sort are not separated here, as they would have tended to unduly swell the limits of this bibliography without any corresponding gain. (See also Gould, A. A.)

Boston Journal of Natural History, containing papers and communications read to the Boston Society of Natural History, 1834[-]1863, published by their direction. Boston [various publishers], for the society, 1834-1863.

7 vols. 8°.

Bush (Katherine J.). Additions to the shallow-water mollusca of Cape Hatteras, N. C., dredged by the U. S. Fish Commission steamer *Albatross* in 1883 and 1884.

In Transactions Connecticut Academy of Sciences, New Haven, Conn., vol. vi, pp. 453-480, pl. xlv. June, 1885.

— List of deep-water Mollusca dredged by the U. S. Fish Commission steamer *Fish Hawk* in 1880, 1881, and 1882, with their range in depth.

In Annual Report U. S. Commissioner of Fisheries for 1883. Washington, Government Printing Office, 1885. 8°. Pp. 701-727.

Calkins (William W.). Marine shells of Florida.

Ext. Davenport Academy of Natural Sciences; Proceedings. Davenport, Iowa, the society, 1878. Vol. II, pp. 232-252, pl. viii. 8°. Extract, with bastard title repeated on cover; pagination of original preserved. Slips with addenda were issued by the author on several occasions. This catalogue is partly a compilation. The new or specially interesting species are quoted by Dall (Hemphill's Shells, *q. v.*).

Conchologist's Exchange (The). Edited by William D. Averell. Philadelphia, the editor, 1886-1888.

Vol. I, No. 1, was printed on a postal-card, July, 1886. Nos. 2 to 12, and vol. II, Nos. 1 to 8, were issued in small quarto, the printed form 4½ by 6 inches, in two columns. The last number was dated "March and April, 1888," and appeared about April 30. This publication then suspended and was succeeded by the "NAUTILUS" (*q. v.*) in May, 1889.

Conrad (Timothy Abbott). Fossil shells of the Tertiary formations of North America. Illustrated by figures drawn on stone from nature. Vol. 1. Philadelphia, 1832. 8°. Plates.

[First edition.] Part I, pp. 1-20, pl. 1-6, Oct. 1, 1832.

Part II, pp. 21-28, pl. 7-14, Dec., 1832. A note by the author on the fourth page of the cover.

Part III, pp. 29-38, Aug., 1833. There is a note on the cover about the plates, but none were issued with this part.

Part IV, pp. 39-46, Oct., 1833. On the fourth page of cover there is a note dated November 1, 1833.

[Second edition.] Pp. 29-56, pl. 15-18; a colored map of Alabama, title-page, March 1, 1835. This was issued with Parts I and II of the first edition.

— Fossils of the Tertiary formations of the United States. Illustrated by figures drawn from nature. Philadelphia, J. Dobson, 108 Chestnut street. E. G. Dorsey, printer, 1838. 8°. Plates.

Part I. Introduction, pp. v-xvi; text, pp. 1-32; pl. 1-17. Jan., 1838. The fourth page of cover has descriptions of four species upon it.

Part II, pp. 33-56, pl. 18-29, May 7, 1840. Three pages of the cover have descriptions of species printed upon them, including the four descriptions from the cover of Part I.

Part III, pp. 57-89, pl. 30-49, Jan., 1845. Nothing but the title printed on cover.

Conrad (Timothy Abbott)—Continued.

This work is often quoted as "Conrad's Fossils of the Medial Tertiary." The dates are determined by manuscript notes of the author, for details in regard to which I am indebted to a note in the *American Naturalist* for July, 1888, by Dr. Otto Meyer.

——— Descriptions of new species of fossil and recent shells and corals.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. III, pp. 23-27, pl. 1-2, Feb., 1846.

——— Descriptions of two new genera and new species of recent shells, etc.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. IV, p. 121, Dec., 1848.

——— Synopsis of the genus *Cassidula* Humphrey and of a proposed new genus, *Athleta*.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. VI, pp. 448-449, Dec., 1853.

——— Notes on shells, with descriptions of three recent and one fossil species.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. VII, pp. 31-23, March, 1854.

——— Description of a new genus of the family Dreissenidæ.

In Academy of Natural Sciences of Philadelphia; Proceedings, new series, 1857, p. 167.

——— Descriptions of new fossil and recent shells of the United States.

In Journal of the Academy of Natural Sciences of Philadelphia, new series, vol. I, Part III, pp. 207-209, 280, pl. xxxix.

——— Observations on the geology of a part of East Florida, with a catalogue of recent shells of the coast.

In American Journal of Science. New Haven, B. Silliman and J. D. Dana, 1846. New series, vol. II, pp. 36-45, 393-398, 1846.

Coues (Elliott, M. D.). Notes on the Natural History of Fort Macon, N. C., and Vicinity.

In Academy of Natural Sciences of Philadelphia; Proceedings of, 1871, pp. 120-148. This includes a synopsis of the species collected, and enumerates the species collected earlier by Dr. William Stimpson, but which were not found by Dr. Coues. A supplementary list appears in the same Proceedings for 1878, pp. 301-303.

Dall (William Healey). Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico and in the Caribbean Sea, 1877-'79, by the U. S. Coast Survey steamer *Blake*, Lieutenant-Commander Sigsbee, U. S. N., and Commander J. R. Bartlett, U. S. N., commanding. xv. Preliminary report on the Mollusca. Bulletin of the Museum of Comparative Zoology at Harvard College. Cambridge, for the Museum, July-December, 1881.

Vol. IX, No. 2, pp. 33-144. 8°. This publication, separately issued as a bulletin, with title on cover, appeared originally in signatures as follows: Pp. 33-48, July 12, 1881; pp. 49-64, Aug. 12, 1881; pp. 65-80, Aug. 25, 1881; pp. 81-96, Sept. 26, 1881; pp. 97-112, Oct. 31, 1881; pp. 113-128, Nov. 26, 1881; pp. 129-144, Dec. 5, 1881.

Dall (William Healey). On certain Limpets and Chitons from the deep waters off the eastern coast of the United States.

In U. S. National Museum; Proceedings. Washington, the Museum, April 24, 1882. Vol. v, pp. 400-414. 8°.

— On a collection of shells sent from Florida by Mr. Henry Hemphill.

In U. S. National Museum; Proceedings. Washington, the Museum, Dec., 1883. Vol. vi, pp. 318-342, pl. x. 8°. The new or specially interesting species signalized by Calkins and Melvill (*q. r.*) are enumerated in this article, besides those sent by Hemphill.

— Notes on some Floridian land and fresh-water shells, with a revision of the Auriculacea of the eastern United States.

In the same. Vol. viii, pp. 255-289, pl. xvii, xviii, July, 1885.

— Bulletin of the U. S. Geological Survey, No. 24. List of the marine mollusca, comprising the Quaternary fossils and recent forms from American localities between Cape Hatteras and Cape Roque, including the Bermudas.

Washington, Government Printing Office, 1885. 336 pp. 8°. This publication is essentially an index to the literature relating to the region specified, without synonymy, alphabetically arranged, and accompanied by a short bibliography of the literature referred to, and indications of the geographical range of the species cited.

— Bulletin of the Museum of Comparative Zoology, at Harvard College. Vol. xii, No. 6. Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico (1877-'78), and in the Caribbean Sea ('879-'80), by the U. S. Coast Survey steamer *Blake*, Lieutenant-Commander C. D. Sigsbee, U. S. N., and Commander J. R. Bartlett, U. S. N., commanding. xxix Report on the Mollusca by W. H. Dall. Part I. Brachipoda and Peleceypoda.

Cambridge, the Museum, Sept., 1886. Pp. 171-318, plates i-ix. 8°.

— Bulletin of the Museum of Comparative Zoology, at Harvard College. Vol. xviii. Reports on the results of dredging, [etc.]. xxix. Report on the mollusca, by W. H. Dall. Part II. Gastropoda and Scaphopoda. Cambridge, the Museum, June, 1889.

492 pp., plates x-xi. 8°.

— Contributions to the Tertiary fauna of Florida, with especial reference to the Miocene silex beds of Tampa and the Pliocene beds of the Caloosahatchie River.

In Transactions of the Wagner Free Institute of Science of Philadelphia, 1889. Folio, with plates. [In press.]

— Report on the Mollusca collected by the U. S. Fish Commission steamer *Albatross* on her voyage from Chesapeake Bay, Virginia, by way of Magellan Strait to San Francisco, Cal., in 1887-'88. With illustrations.

[In preparation.]

24781—Bull. 37—2

D'Orbigny (Alcide Dessalines). *Histoire physique, politique et naturelle de l'île de Cuba.* Par M. Ramon de la Sagra [etc.]. Mollusques. Paris, Bertrand, 1853.

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Dunker (Dr. Wilhelm). *Novitates conchologicae. Mollusca marina. Beschreibung und abbildung neuer oder wenig gekannter meeres conchylien.* Cassel, Theo. Fischer, 1858-1870.

144 pp. 4°. 45 pl.

Folin (Léopold, Marquis de). On the mollusca of H. M. S. *Challenger* expedition. The Cæcidæ, comprising the genera *Parastrophia*, *Watsonia*, and *Cæcum*. With a prefatory note by the Rev. Robert Boog Watson, B. A., F. R. S. E., F. L. S., etc.

Ext. Zool. Soc. London; Proceedings for 1879, with bastard title. London, the Society, 1880. Pp. 84-6-812. 8°.

—— Report on the Cæcidæ collected by H. M. S. *Challenger* during the years 1873-1876.

In "*Challenger Reports*," vol. xv, pp. 681-689, 1886. This is Appendix B to Watson's Report on the Gastropoda of the *Challenger* expedition, q. v.

Gould (Dr. Augustus Addison). Descriptions of new genera and species of shells.

In Boston Society of Natural History; Proceedings. Boston, the Society, 1862. Vol. viii, pp. 280-284. 8°.

—— *Otia conchologica.* Boston, Gould & Lincoln, 1862.

256 pp. 8°.

—— Report on the invertebrata of Massachusetts, published agreeably to an order of the legislature. Second edition, comprising the mollusca. Edited by W. G. Binney. Boston, Wright & Potter, 1870.

Royal 8°. viii, 524 pp., plates xvi-xxvii, and 405 cuts in the text. The copies of this work, distributed by Dr. Gould's family, have a two-page sketch of his life inserted after Mr. Binney's prefatory remarks.

Gundlach (Don Juan). *Apuntes para la fauna Puerto-Riqueña. Quinta parte. B. Molluscos marinos.*

In *Anales de la Soc. Esp. de Hist. Nat.*, tomo xii, pp. 441-484, 1883. 8°. The author has had the assistance of Drs. Dunker and Von Martens in the preparation of this list of the shells of Porto Rico, which was preceded by a list of the terrestrial mollusca, printed in the earlier portion of the same volume.

Guppy (R. J. Lechmere). First sketch of a marine invertebrate fauna of the Gulf of Paria and its neighborhood.

In Scientific Association of Trinidad; Proceedings. PortofSpain, J. Wulff; London, Trübner, Dec., 1877. Vol. II, Part XI, pp. 134-157. 8°.

Guppy (R. J. Lechmere). On the West Indian Tertiary fossils.

In Geological Magazine, decade II, vol. I, Nos. 9 and 10, Sept. and Oct., 1874, pp. 433-454, pl. xvi-xviii. Also a supplement of one page, from the same, Jan., 1875. Extras repaginated and issued with the plates and supplementary leaf, with title "West Indian Tertiary fossils" on cover. Total pp. 22. 8°. London, Trübner, 1874.

Haddon (Prof. Alfred C.). Voyage of H. M. S. *Challenger*. Zoology. Report on the Polyplacophora collected by H. M. S. *Challenger* during the years 1873-1876.

In "*Challenger Reports*," vol. xv, Part XLIII, pp. 1-50, plates i-iii. London, 1886. 4°.

Heilprin (Prof. Angelo). Explorations on the west coast of Florida and in the Okeechobee Wilderness.

In Transactions of the Wagner Free Institute of Science of Philadelphia, vol. I, No. 1, pp. 1-134, May, 1887. Sm. folio, with plates 1-19.

This contains the descriptions of many new species of Tertiary fossils from West Florida, besides other matters of interest.

Higgins (Rev. Henry H.) [and **Marratt** (Frederick P.)]. Free public library, museum, and gallery of art of the borough of Liverpool. Museum report No. 1. Mollusca of the Argo expedition to the West Indies, 1876. Liverpool, D. Marples & Co. [1878].

20 pp. 8°. 1 pl. An important contribution to the geographical distribution of mollusca in the West Indies. The species were chiefly identified by Mr. Marratt.

Holmes (Prof. Francis S.). Post-pleiocene fossils of South Carolina. Charleston, S. C., Russell & Jones, 1858-1860.

vi, 122 pp., xxviii pl. 4°. See also TUOMEY and HOLMES. This work was published in 16 parts, of which 98 pages and 14 plates are devoted to invertebrates. The remainder, an account of the vertebrate fossils, is by Dr. Joseph Leidy, and partly relates to the Eocene formation. In neither this nor the Pliocene volume are the unpaginated sheets with plate references counted above as pages.

Jahrbücher der deutschen malakozoologischen gesellschaft. Redigirt von Dr. W. Kobelt. Frankfurt am Main, Johannes Alt, 1874-1878.

6 vols. 8°. Also:

—— The same. Frankfurt am Main, Alt & Neumann, 1879.

1 vol. 8°. Also:

—— The same. Frankfurt am Main, Moritz Diesterweg, 1880-1888.

9 vols. 8°. The series closes with the volume for 1888.

Jones (J. Matthew, F. L. S.). Contributions to the natural history of the Bermudas. Part I. Mollusca.

In Nova Scotian Institute of Natural Science; Transactions. Halifax, the Society, 1864. Vol. II, Part II, pp. 14-26. 8°.

Journal de Conchyliologie, comprenant l'étude des animaux, des coquilles vivantes et des coquilles fossiles. Publié sous la direction de M. Petit de la Saussaye. Paris, the editor, 1850-1853.

4 vols. 8°. Also:

Journal de Conchyliologie. Publié sous la direction de MM. Fischer et Bernardi. Paris, Bernardi, 1856 [juillet]-1860 [janvier].

4 vols., 8° [ending the first series], and 4 vols., 8° [forming the second series], or 8 vols. 8°. Also:

Journal de Conchyliologie. Publié sous la direction de MM. Crosse et Fischer. Paris, Crosse, 1861-1888.

[Third series], 28 vols. 8°. Also:

—— Index général et systématique des matières contenues dans les vingt premiers volumes du Journal de Conchyliologie [etc.], 1850-1872. Paris, H. Crosse, 1878.

1 vol., viii, 200 pp. 8°.

[Krebs (Henry).] The West Indian marine shells, with some remarks. A manuscript printed for circulation between collectors. By * * *. [Kjöbenhavn.] Printed by W. Laubs' widow and Chr. Jörgensen, Nykjöbing, Falster, 1864.

3 prel. l. unp., 137 pp. 12°. The following mention of the circumstances attending the printing of this extremely rare, anonymously issued, yet scientifically valuable pamphlet occurs in a letter from the author, dated Dec. 1, 1884: "I beg to inform you that the [above pamphlet] was only printed in 20 copies, of which 3 were, according to law, delivered to the public libraries [of Copenhagen], 7 were lost in transmitting them to St. Thomas, 3 went to the universities of Sweden and Norway, and a few [were] given to friends." "Consequently there are none for sale. My friends tease me that the book is the costliest they know, on account of a copy has been sold in Altona, at auction, for 10 Rd." A copy presented by the author to Mr. Thomas Bland, and given by that gentleman to Mr. John H. Redfield, has, with great liberality, been presented by the latter to the library of the U. S. National Museum.

—— Remarks on some species of West Indian marine shells in the museum of Amherst College.

In Lyceum of Natural History of New York; Annals. New York, the society, 1866. Vol. VIII, 1866, pp. 394-398. 8°.

—— Catalogue of marine mollusks collected in the Bahama Islands in November, 1866.

In Lyceum of Natural History of New York; Annals. New York, the society, 1866. Vol. VIII, 1866, pp. 427-431. 8°.

Kurtz (Lieut. John D.). Catalogue of recent marine shells found on the coasts of North and South Carolina. Portland, David Tucker, 1860.

9 pp. 8°. See also STIMPSON and KURTZ.

Magasin de zoologie. Première année, première partie, classe V. Mollusques. Planches 1 à 40. Paris, Lequien fils, 1831.

42 l. unp., 40 pl. 8°. Also:

—— Journal destiné à établir une correspondance entre les zoologistes de tous les pays et à leur faciliter les moyens de publier les espèces nouvelles ou peu connues qu'ils possèdent. Publié par F. E. Guérin-Ménéville [etc.]. Deuxième section. Mollusques et zoophytes. Paris, A. Bertrand, 1831-1839.

2 vols. Vol. I [texte], 206 l. unp.; vol. II [planches], 119 pl. 8°. Also:

Magasin de zoologie, d'anatomie comparée et de paléontologie: recueil destiné à faciliter aux zoologistes de tous les pays les moyens de publier leurs travaux, les espèces nouvelles qu'ils possèdent, et à les tenir surtout au courant de nouvelles découvertes et des progrès de la science, par M. F. E. Guérin-Ménéville. Deuxième section.

Magasin de zoologie, d'anatomie comparée et de paléontologie—Cont'd.
Mollusques et zoophytes. Années 1839 à 1844. Paris, veuve Ber-
trand, 1844.

2 vols. [Texte] 250 l. nup. 8°. [Planches] iv pp., 150 pl. 8°. This publica-
tion seems to have been printed with leaves numbered only to correspond with
the plates or with the separate articles, which were afterward divided up in sec-
tions, each class being bound and sold separately.

Malakozologische Blätter. Als Fortsetzung der Zeitschrift für Malako-
zoologie. Herausgegeben von Karl Theodor Menke, in Pymont, und
Dr. Louis Pfeiffer, in Cassel. Cassel, Theodor Fischer, 1854–1862.
8 vols. 8°. Also:

—— The same. Herausgegeben von Dr. Louis Pfeiffer, in Cassel.
Cassel, Theodor Fischer, 1862–1872.
10 vols. 8°. Also:

—— The same. Herausgegeben von Dr. Louis Pfeiffer, in Cassel,
und Dr. W. Kobelt, in Schwanheim. Cassel, Theodor Fischer, 1872–
1874.
3 vols. 8°. Also:

—— The same. Herausgegeben von Dr. Louis Pfeiffer, in Cassel,
Cassel, Theodor Fischer, 1875–1877.
3 vols. 8°. Also:

—— Dr. Ludwig Pfeiffer's malakozologische Blätter für 1878.
Fortgesetzt von S. Clessin. Cassel, Theodor Fischer, 1878.
1 vol. 8°. Also:

—— Malakozologische Blätter. Als Fortsetzung der Zeitschrift
für Malakozologie. Herausgegeben von S. Clessin. Neue Folge,
erster[—zehnter] Band. Cassel, Theodor Fischer, 1879–1888.

10 vols. 8°. The earlier volumes of this series carried the date of issue on
each signature. Later volumes are without it, and there is no means of deter-
mining the date of issue, which often was not within the year to which the vol-
ume ostensibly refers.

Melville (James Cosmo, A. M., F. L. S.). List of the mollusca obtained
in South Carolina and Florida, principally in the island of Key
West, 1871–1872.

In *Journal of Conchology*. Leeds, J. Taylor, 1881. Vol. III, Nos. 5, 6, pp. 155–
173. 12°. This catalogue contains many erroneous identifications.

Mörch (Otto Andreas Lowson). Catalogue of the West India shells in
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Copenhagen, Bianco Luno, 1878.

16 pp. 8°.

Nachrichtsblatt der deutschen malakozologischen Gesellschaft. Unter
mitwirkung von D. F. Heynemann; redigirt von Dr. W. Kobelt.
Frankfurt am Main, W. Kuchler, 1869.

1 vol. sm. 8°. Also:

—— The same. Frankfurt am Main, J. D. Sauerländer, 1870–1871.
2 vols. 8°. Also.

Nachrichtsblatt, etc.—Continued.

—— The same. Redigirt von Dr. W. Kobelt. Frankfurt am Main, J. D. Sauerländer, 1872.

1 vol. 8°. Also:

—— The same. Redigirt von Dr. W. Kobelt und D. F. Heyne-mann. Frankfurt am Main, Johannes Alt, 1873.

1 vol. 8°. Also:

—— The same. Redigirt von Dr. W. Kobelt. Frankfurt am Main, Johannes Alt, 1874–1877.

4 vols. 8°. Also:

—— The same. Frankfurt am Main, Alt & Neumann, 1878–1879.

2 vols. 8°. Also:

—— The same. Frankfurt am Main, Moritz Diesterweg, 1880–1888.

9 vols. 8°.

Nautilus (The). A journal devoted to the interests of conchologists. Established in 1886 as "The Conchologist's Exchange." Vol. III[1], No. 1, May, 1889. Philadelphia, published monthly by H. A. Pilsbry and W. D. Averell. 8°. 1889.

The first issue under the above title, cited above, comprises iv, 12 pp.

Norman (Rev. A. M.). Presidential address delivered at the annual meeting of the Tyneside Naturalists' Field Club, May 27, 1881, with appendices on the fauna of the abysses of the ocean. Newcastle upon-Tyne, John Bell, 1883.

8°. 68 pp. Appendix C contains a list of all the animals at that time recorded as obtained from the North Atlantic Ocean at a greater depth than 1,000 fathoms.

Pelseneer (Paul, D. Sc.). The voyage of H. M. S. *Challenger*. Zoology. Report on the Pteropoda. Part I. The Gymnosomata.

In "Challenger Reports," vol. XIX, pp. 1–74, plates i–iii. London, 1887. 4°.

—— (The same.) Part II. The Thecosomata.

In the same, vol. XXII, pp. 1–132, plates i, ii. London, 1888. 4°.

—— (The same.) Part III. Anatomy.

In the same, vol. XXIII, pp. 1–97, plates i–v. London, 1888. 4°.

Pfeiffer (Dr. Louis.) Bericht über die ergebnisse meiner reise nach Cuba im winter 1838–'39.

In Wiegmann's Archiv für Naturgeschichte, 1839, vol. I, pp. 346–358.

—— Uebersicht der im Januar, Februar und März 1839 auf Cuba gesammelten Mollusken.

In same, 1840, vol. I, pp. 250–261.

Ravenel (Dr. Edmund). Catalogue of the recent and fossil shells in the cabinet of the late Edmund Ravenel. Charleston, S. C., Walker, Evans & Cogswell, 1875.

68 pp. 12°.

Roemer (Dr. Ferdinand). Texas; mit besonderer rücksicht auf deutsche auswanderung und die physischen verhältnisse des landes nach eigener beobachtung geschildert; mit einem naturwissenschaftlichen anhang. Bonn, Adolph Marcus, 1849.

xvi, 464 pp. 8°. 1 map. List of new species in Binney's Bibliography N. Am. Conchology, Part II, pp. 11–12.

Say (Thomas). The complete writings of Thomas Say on the conchology of the United States. Edited by W. G. Binney. New York, H. Baillière, 1858.

8°. vi, 252 pp., pl. i-lxxv.

A reprint of Say's scattered papers and descriptions.

Simpson (Charles Torrey). Contributions to the mollusca of Florida.

In Davenport (Iowa) Academy of Natural Sciences; Proceedings of, vol. v, pp. 45-72, 63*-72*. 8°. Pages 45-48 appeared Aug. 25, 1887; pages 49-56, Nov. 4, 1887; pages 57-72, Feb., 1889, and the remainder in March, 1889.

Smith (Edgar Albert, F. Z. S.). The voyage of H. M. S. *Challenger*. Zoology. Report on the Lamellibranchiata collected by H. M. S. *Challenger* during the years 1873-1876.

In "*Challenger Reports*," vol. XIII, pp. 1-341, plates i-ixxv. London, 1885. 4°.

Stearns (Robert Edwards Carter). Descriptions of new species of marine mollusks from the coast of Florida.

Ext. Boston Society of Natural History; Proceedings, vol. xv, pp. 21-24, Jan. 17, 1872. 8°. 4 pp.

——— On a new species of *Pedipes* from Tampa Bay, Florida.

Ext. Boston Society of Natural History; Proceedings, vol. XIII, pp. 108-109, 1869. 1 leaf. 8°. Headed "Conchological Memoranda, No. 4."

——— Descriptions of new marine shells from the west coast of Florida.

Ext. Academy of Natural Sciences of Philadelphia; Proceedings for 1873, pp. 344-347, 1873. 8°. 4 pp.

Stimpson (Dr. William). Descriptions of new shells.

In Boston Society of Natural History; Proceedings, vol. iv, pp. 112-114, 1851.

——— and **Kurtz** (Lieut. John D.). Descriptions of new shells.

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Tryon (George Washington), jr. American marine conchology; or, descriptions of the shells of the Atlantic coast of the United States from Maine to Florida. Philadelphia, the author, 1873-1874.

208 pp., 44 pl. 8°. Issued in six parts, Nov., 1873, to Nov., 1874.

Tuomey (Michael) and **Holmes** (Francis S.). Pleiocene fossils of South Carolina; containing descriptions and figures of the Polyparia, Echinodermata, and Mollusca. Charleston, S. C., Russell & Jones, 1855-1857.

1 vol. xvi, 152 pp., 32 pl. 4°. Issued in sixteen parts; of which six of eight pages and two plates each appeared in 1855, the remainder with title, etc., in 1856. See also HOLMES (F. S.).

Verrill (Prof. Addison E.). Report upon the invertebrate animals of Vineyard Sound and the adjacent waters, with an account of the physical characters of the region.

In [First] Report of the U. S. Commission of Fish and Fisheries, 42nd Congress. 2nd session, Senate Miscellaneous Document No. 61. Washington, Government Printing Office, 1873. 8°. Pp. 296-778, plates i-xxxviii. A separate edition was issued by the author. The original volume is sometimes referred to as the Report of the U. S. Commissioner of Fish and Fisheries for 1871-'72.

Verrill (Prof. Addison E.). List of deep-water and surface Mollusca taken off the east coast of the United States by the U. S. Fish Commission steamers *Fish Hawk* and *Albatross*, 1880-1883.

Ext. Connecticut Academy of Sciences; Transactions. New Haven, the society, July, 1884. Vol. vi, pp. 263-290. 8°.

— Results of the explorations made by the steamer *Albatross* off the northern coast of the United States in 1883.

In Report of the Commissioner of Fish and Fisheries for 1883. Washington, Government Printing Office, 1885. Pp. 503-601, plates i-xliv. Separate copies were also printed for the author.

— Catalogue of marine mollusca added to the fauna of the New England region during the past ten years.

In Transactions of the Connecticut Academy of Sciences, v, pp. 447-588, plates xlii-xliv, lvii, lviii. 8°. 1882. Separates distributed by the author.

— Second catalogue of mollusca, recently added to the fauna of the New England coast and the adjacent parts of the Atlantic, consisting mostly of deep-sea species, with notes on others previously recorded.

In the same; vol. vi, pp. 139-294, plates xxviii-xxxii. 8°. 1884. Separate copies were issued.

— Third catalogue of mollusca, recently added to the fauna of the New England coast and the adjacent parts of the Atlantic, consisting mostly of deep-sea species, with notes on others previously recorded.

In the same; vol. vi, pp. 395-452, plates xlii-xliv. 8°. 1884. Separate copies were issued.

Watson (Rev. Robert Boog). Mollusca of H. M. S. *Challenger* expedition. Parts I-XX, 1879-1883. Preliminary report to Prof. Sir C. Wyville Thomson [etc.].

Ext. Linnean Society Journal. Zoology. London, the Society, 1879-1883. Vols. xiv-xvii, 1879-1883. 8°. See also FOLIN (L. de).

The separate parts appeared as follows:

Part I.—The Journal, vol. xiv, No. 78, pp. 506-507; read Nov. 21, 1878; published April 23, 1879.

II.—The Journal, vol. xiv, No. 78, pp. 508-529; read Nov. 21, 1878; published April 23, 1879.

III.—The Journal, vol. xiv, No. 78, pp. 586-605; read Dec. 5, 1878; published April 23, 1879. The preceding parts in one cover. Title on cover and bastard title. 8°. London, Taylor & Francis, 1879. Original pagination preserved.

IV.—The Journal, vol. xiv, No. 80, pp. 694-716; read June 5, 1879; published Sept. 2, 1879. Covers and bastard title as in the preceding.

V.—The Journal, vol. xv, No. 82, pp. 88-126; read April 18, 1880; published July 31, 1880. This and succeeding two parts have no title on cover or elsewhere.

VI.—The Journal, vol. xv, No. 84, pp. 218-230; read April 15, 1880; published Nov. 20, 1880.

VII.—The Journal, vol. xv, No. 85, pp. 246-274; read Dec. 9, 1880; published March 25, 1881.

VIII.—The Journal, vol. xv, No. 86, pp. 388-412; read March 3, 1881; published Sept. 29, 1881. This part has bastard title, but none on cover.

Watson (Rev. Robert Boog)—Continued.

Part IX.—The Journal, vol. xv, No. 87, pp. 413-455; read June 2, 1881; published Oct. 4, 1881. This part has no title.

X.—The Journal, vol. xv, No. 88, pp. 458-475; read June 16, 1881; published Nov. 3, 1882. No title.

XI.—The Journal, vol. xvi, No. 91, pp. 247-254; read Dec. 15, 1881; published March 7, 1883. No title.

XII.—The Journal, vol. xvi, No. 93, pp. 324-343; read Dec. 15, 1881; published June 12, 1882. This part has bastard title.

XIII.—The Journal, vol. xvi, No. 93, pp. 358-372; read March 16, 1881; published June 12, 1882. This part has bastard title.

XIV.—The Journal, vol. xvi, No. 93, pp. 372-392; read March 16, 1882; published June 12, 1882. This part has bastard title.

XV.—The Journal, vol. xvi, No. 96, pp. 594-611; read June 15, 1882; published March 10, 1883. This part has bastard title.

XVI.—The Journal, vol. xvii, No. 97, pp. 26-40; read Nov. 16, 1882; published March 24, 1883. This part has bastard title.

XVII.—The Journal, vol. xvii, No. 99, pp. 112-130; read March 1, 1883; published July 31, 1883. This part has bastard title.

XVIII.—The Journal, vol. xvii, No. 101, pp. 284-293; read March 15, 1883; published Oct. 20, 1883.

XIX.—The Journal, vol. xvii, No. 101, pp. 319-340; read May 3, 1883; published Oct. 20, 1883.

XX.—The Journal, vol. xvii, No. 101, pp. 341-346; read June 21, 1883; published Oct. 20, 1883.

Parts XVIII-XX issued in one cover; title on the cover. London, Linnean Society [1883].

—— The voyage of H. M. S. *Challenger*. Zoology. Report on the Scaphopoda and Gasteropoda collected by H. M. S. *Challenger* during the years 1873-1876.

In "Challenger Reports," vol. xv, Part XLII, pp. i-v, 1-756, plates i-l, with an Appendix, B, pp. 641-689, plates i-iii, on the *Cacidae* by Léopold, Marquis de Folin. London. 1885. 4°.

Zeitschrift für Malakozoologie. Herausgegeben von Karl Theodor Menke. Hannover, Hahn, 1844-1845.

2 vols. 8°. Also:

—— Herausgegeben von Karl Theodor Menke und Dr. Louis Pfeiffer. Cassel, Theodor Fischer, 1846-1853.

8 vols. 8°. See also MALAKOZOLOGISCHE BLÄTTER.

SKETCH OF GENERAL ARRANGEMENT.

A.—CLASS BRACHIOPODA.

I. Order Arthropomata.

| II. Order Lyopomata.

B.—CLASS PELECYPODA.

I. Order Prionodesmacea.

1. Suborder Ostracea.
2. Suborder Anomiacea.
3. Suborder Pectinacea.
4. Suborder Mytilacea.
- [5. Suborder Naiadacea.
6. Suborder Trigoniacea].
7. Suborder Arcacea.
8. Suborder Nuculacea.
9. Suborder Solenomyacea.

II. Order Teleodesmacea.

1. Suborder Carditacea.
2. Suborder Leptonacea?

II. Order Teleodesmacea—Continued.

3. Suborder Lucinacea.
4. Suborder Chamacea.
5. Suborder Cardacea.
6. Suborder Veneracea.
7. Suborder Tellinacea.
8. Suborder Mactracea.

III. Order Anomalodesmacea.

1. Suborder Anatinacea.
2. Suborder Myacea.
3. Suborder Solenacea?
4. Suborder Ensiphonacea.
5. Suborder Adesmacea.

C.—CLASS SCAPHOPODA

I. Order Solenocoenchia.

D.—CLASS GASTROPODA.

aa. SUBCLASS ANISOPLEURA.

A. Superorder Euthyneura.

I. Order Pteropoda.

1. Suborder Thecosomata.
2. Suborder Gymnosomata.

II. Order Opisthobranchiata.

1. Suborder Tectibranchiata.

[III. Order Nudibranchiata.]

IV. Order Pulmonata.

1. Suborder Stylommatophora.
2. Suborder Basommatophora.

B. Superorder Streptoneura.

I. Order Ctenobranchiata.

1. Suborder Orthodonta.
 - a. Superfamily Toxoglossa.
 - b. Superfamily Rhachiglossa.
2. Suborder Streptodonta.
 - a. Superfamily Ptenoglossa.
 - b. Superfamily Gymnoglossa.

I. Order Ctenobranchiata—Continued.

2. Suborder Streptodonta—Cont'd.
 - c. Superfamily Taenioglossa.
 - d. Superfamily Docoglossa.
 - e. Superfamily Rhipidoglossa.
 - f. Superfamily Zygobranchia.

bb. SUBCLASS ISOPLEURA.

C. Superorder Polyconchæ.

I. Order Polyplacophora.

- a. Superfamily Eochitonia.
- b. Superfamily Opsichitonia.

E.—CLASS CEPHALOPODA.

I. Order Dibranchiata.

1. Suborder Octopoda.
2. Suborder Sepiophora.

NOTE.—The reader will understand that this sketch does not pretend to completeness, except for the following tables.

ABBREVIATIONS FOR LOCALITIES.

ERRATUM.

The arrangement sketched on page 26 and followed in the tables was made out before the completion of my studies of the classification of the Pelecypods. These being since completed, two changes would follow in the arrangement. The suborder *Solenacea* would be transferred to the order *Teleodesmacea*, following the *Tellinacea*, and the suborder *Solenomyacea* would be transferred to the *Anomalodesmacea*. It is also probable that the *Isocardiacea* should be raised to subordinal rank.

W. H. DALL.

August 19, 1889.

Charl.	Charleston, S. C.	S. Car.	South Carolina.
Chesap.	Chesapeake Bay.	St. Cruz.	St. Croix or Santa Cruz.
C. Rom.	Cape Romano, Fla.	St. Dom.	Santo Domingo.
C. Sable.	Cape Sable, Nova Scotia.	St. J.	St. John.
Cub.	Cuba.	St. M.	Saint Martin.
Cul.	Culebra.	St. Thos.	St. Thomas.
Cur.	Curaçoa.	St. Vin.	St. Vincent.
Dom.	Dominica.	Tex.	Texas.
E. Fla.	East Florida.	Tort.	Tortola.
Eur.	Europe.	Trin.	Trinidad.
Fernand.	Fernandina, Fla.	V.	Viéque.
Fla.	Florida.	Va.	Virginia.
Ga.	Georgia.	V. Cruz.	Vera Cruz.
Gtm.	Guatemala.	VD.	Van Dyck's Island.
Quad.	Gnadalupe.	Ven.	Venezuela.
Gulf, or G. Mex.	Gulf of Mexico.	Vg. I.	Virgin Islands.
Hatt.	Cape Hatteras.	W.	Water Island.
Hond.	Honduras.	W. Fla.	West Florida.
Hait.	Haiti.	Yuc.	Yucatan.
Jam.	Jamaica.	Z.	Ziech.

SKETCH OF GENERAL ARRANGEMENT.

C.—CLASS SCAPHOPODA

I. Order Solenoconchia.

D.—CLASS GASTROPODA.

aa. SUBCLASS ANISOPLEURA.

A. Superorder Euthyneura.

I. Order Pteropoda.

1. Suborder Thecosomata.
2. Suborder Gymnosomata.

II. Order Opisthobranchiata.

1. Suborder Tectibranchiata.

[III. Order Nudibranchiata.]

IV. Order Pulmonata.

1. Suborder Stylommatophora.
2. Suborder Basommatophora.

B. Superorder Streptoneura.

I. Order Ctenobranchiata.

1. Suborder Orthodonta.
 - a. Superfamily Toxoglossa.
 - b. Superfamily Rhachiglossa.
2. Suborder Streptodonta.
 - a. Superfamily Ptenoglossa.
 - b. Superfamily Gymnoglossa.

I. Order Ctenobranchiata—Continued.

2. Suborder Streptodonta—Cont'd.
 - c. Superfamily Taenioglossa.
 - d. Superfamily Docoglossa.
 - e. Superfamily Rhipidoglossa.
 - f. Superfamily Zygobranchia.

bb. SUBCLASS ISOPLEURA.

C. Superorder Polyconchæ.

I. Order Polyplacophora.

- a. Superfamily Eochitonina.
- b. Superfamily Opsichitonina.

E.—CLASS CEPHALOPODA.

I. Order Dibranchiata.

1. Suborder Octopoda.
2. Suborder Sepiophora.

NOTE.—The reader will understand that this sketch does not pretend to completeness, except for the following tables.

ABBREVIATIONS FOR LOCALITIES.

Ang.	Anguilla.	Jup. I.	Jupiter Inlet, Fla.
Ant.	Antigua.	Keys.	Florida Keys.
Asp.	Aspinwall.	Lj.	Lillienksjold.
Atl.	Atlantic Ocean north of N. Lat. 20°.	Mart.	Martinique.
		Md.	Maryland.
Bah.	Bahamas.	MG.	Marie-Galante.
Barb.	Barbados.	N. Atl.	Atlantic Ocean north of N. Lat. 35°.
Bda.	Barbuda.		
Beauf.	Beaufort, N. C.	N. Car.	North Carolina.
Ber.	Bermudas.	N. Gr.	New Grenada.
Braz.	Brazil.	N. J.	New Jersey.
Car. S.	Caribbean Sea.	N. P.	New Providence.
Cay.	Cayeune.	P. E. Id.	Prince Edward's Island.
C. Can.	Cape Canaveral, Fla.	P. Pl.	Porto Plata.
Cedar K.	Cedar Keys, Fla.	P. Rico	Porto Rico.
C. Fla.	Cape Florida.	St. Aug.	St. Augustine, Fla.
Char. H.	Charlotte Harbor, Fla.	St. Bart.	St. Bartholomew.
Charl.	Charleston, S. C.	S. Car.	South Carolina.
Chesap.	Chesapeake Bay.	St. Cruz.	St. Croix or Santa Cruz.
C. Rom.	Cape Romano, Fla.	St. Dom.	Santo Domingo.
C. Sable.	Cape Sable, Nova Scotia.	St. J.	St. John.
Cub.	Cuba.	St. M.	Saint Martin.
Cul.	Culebra.	St. Thos.	St. Thomas.
Cur.	Curaçoa.	St. Vin.	St. Vincent.
Dom.	Dominica.	Tex.	Texas.
E. Fla.	East Florida.	Tort.	Tortola.
Eur.	Europe.	Trin.	Trinidad.
Fernand.	Fernandina, Fla.	V.	Viéque.
Fla.	Florida.	Va.	Virginia.
Ga.	Georgia.	V. Cruz.	Vera Cruz.
Gtm.	Guatemala.	VD.	Van Dyck's Island.
Quad.	Guadalupe.	Veu.	Venezuela.
Gulf, or G. Mex.	Gulf of Mexico.	Vg. I.	Virgin Islands.
Hatt.	Cape Hatteras.	W.	Water Island.
Hond.	Honduras.	W. Fla.	West Florida.
Hait.	Haiti.	Yuc.	Yucatan.
Jam.	Jamaica.	Z.	Ziech.

TABLE I. A.—*List of Brachiopoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Class BRACHIOPODA.						
Order ARTHROPODONTA Owen.						
Family TEREBRATULIDÆ.						
Genus TEREBRATULA Llhwyd.						
1	<i>T. cubensis</i> Pourtalès	39	6, 10	27	$\frac{20}{400}$	Fla. Reefs...
2	<i>T. Bartlettii</i> Dall	6	4a-c	40	$\frac{20}{250}$	Gulf of Mex.
3	<i>T. incerta</i> Davidson	6	6, 6a	10.5	$\frac{180}{1850}$	Gulf of Mex.
Genus TEREBRATULINA Orbigny.						
4	<i>T. Cailletii</i> Crosse	39	8, 90.	10	$\frac{20}{290}$	Fernandina ..
5	<i>T. septentrionalis</i> Couth	49	1, 2	22	$\frac{8}{83}$	Halifax
Family EUDESIIDÆ.						
Genus EUDESIA King.						
6	<i>E. floridana</i> Pourtalès	39	9, 11	23	$\frac{110}{310}$	Sand Key ...
7	<i>E. cranium</i> Müller				$\frac{20}{1360}$	Norway
Genus MEGERLIA King.						
8	<i>M. disparilis</i> Dall			2.6	$\frac{100}{110}$	.....
Family MEGATHYRIDÆ.						
Genus CISTELLA Gray.						
9	<i>C. Barrettiana</i> Davidson			5	$\frac{80}{450}$	Fla. Keys ...
10	<i>C. lutea</i> Dall			6.5	$\frac{30}{287}$	Hatteras
11	<i>C. Schrammi</i> C. and F				100	Gulf of Mex.
Family PLATIDIIDÆ.						
Genus PLATIDIA Costa.						
12	<i>P. seminula</i> Philippi	49	3, 4	4.5	$\frac{10}{281}$	Hatteras
12a	var. <i>radiata</i> Dall				$\frac{5}{218}$	San Diego...
Family THECIDIIDÆ.						
Genus THECIDIUM Defrance.						
13	<i>T. Barretti</i> Woodward	6	2		$\frac{88}{163}$	Gulf of Mex.
14	<i>T. mediterraneum</i> Sowerby	49	11	5.5		Medit
Family RHYNCHONELLIDÆ.						
Genus ATRETIA Jeffreys.						
15	<i>A. gnomon</i> Jeffreys			6	$\frac{1178}{2021}$	Labrador....

TABLE I. A.—*List of Brachiopoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber- mu- da.	Enr.	West Am.	Southern extreme range.	Range in time.
				†	†	†		†		?		Barbados....	Miocene. ?
								†				Barbados....	
					†			†				Bequia....	
				†	†	†	*†	†				Rio	Pliocene.
†	?									†	?	N. Jersey ? ..	
					†	†		†				Barbados....	Pliocene.
† ?										†		Rhode Island	
					?			†				Barbados....	
					†	†		†				Barbados....	
		†			*			†				Barbados....	
						†		†				Barbados....	
		*	†		†			†		†	†	Barbados....	Pliocene.
								†			*	Santa Cruz..	
					†			†				Barbados....	Pliocene.
					†			†		†*		Barbados....	
†	†	†		†				† ?		†		Florida Str..	

TABLE I. A.—*List of Brachiopoda*—Continued.

Ser No	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth	Northern extreme range.
	Order LYOPOMATA Owen.					
	Family CRANIIDÆ.					
	Genus CRANIA Retzius.					
16	C. Pourtalesii Dall			7	$\frac{88}{116}$	Fernandina .
	Family DISCINIDÆ.					
	Genus DISCINA Lamarck.					
	Subgenus Discinisca Dall.					
17	D. atlantica King.....			5	$\frac{200}{2050}$	Baffin's Bay
18	D. antillarum Orbigny.....			10	$\frac{15}{294}$	Fernandina .
	Family LINGULIDÆ.					
	Genus GLOTTIDIA Dall.					
19	G. antillarum Reeve			6.2	$\frac{0}{15}$	Cuba
19a	var. pyramidata Stimpson.....				$\frac{0}{20}$	Chesap. Bay

TABLE I. A.—*List of Brachiopoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber- mud- da.	Eur.	West Am.	Southern. extreme range.	Range in time.
-----	-----	-----	†	†	†	-----	†	†	-----	?	-----	St. Vincent..	
†	†	-----	†	-----	-----	-----	-----	†	-----	†	-----	Australia....	
-----	-----	-----	†?	-----	-----	-----	-----	*	-----	-----	-----	Martinique..	
-----	-----	-----	-----	-----	?	?	?	*	-----	-----	?	Martinique..	
-----	*	*	*	*	*	*	?	?	-----	-----	-----	Florida	

TABLE II. B.—*List of Pelecypoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Class PELECYPODA.						
Order PRIONODESMACEA.						
Suborder OSTRACEA.						
Family OSTREIDÆ.						
Genus OSTREA Linné.						
1	<i>O. virginica</i> Gmelin .....	.....	.....	.....	.....	P. E. Island..
2	<i>O. frons</i> Linné .....	.....	.....	.....	.....	Jupiter Inlet
3	<i>O. cristata</i> Born .....	.....	.....	.....	.....	Tampa
4	<i>O. equestris</i> Say .....	.....	.....	.....	.....	N. Carolina..
Suborder ANOMIACEA.						
Family ANOMIIDÆ.						
Genus ANOMIA Linné.						
5	<i>A. simplex</i> Orbigny	53	1, 2	.....	$\frac{0}{12}$	Cape Sable ..
6	<i>A. aculeata</i> Linné	53	5-8	.....	$\frac{0}{80}$	Arctic Ocean
Genus PLACUNANOMIA.						
7	<i>P. rudis</i> Broderip .....	.....	.....	.....	.....	Cedar Keys..
Suborder PECTINACEA.						
Family DIMYIDÆ.						
Genus DIMYA Rouault.						
8	<i>D. argentea</i> Dall.	4	5a-b	10.5	$\frac{7\frac{3}{4}}{24\frac{3}{8}}$	Hatteras
Family SPONDYLIDÆ.						
Genus PLICATULA Law.						
9	<i>P. ramosa</i> Lamarek .....	.....	.....	.....	.....	Hatteras
Genus SPONDYLUS Linné.						
10	<i>S. spathuliferus</i> Sow .....	.....	.....	.....	.....	Jupiter Inlet
11	<i>S. Gussoni</i> Costa .....	.....	.....	.....	$\frac{69}{640}$	Gulf of Mex.
Family PECTINIDÆ.						
Genus PECTEN Müller.						
Subgenus Janira Schum.						
12	<i>J. ziezac</i> Linné .....	.....	.....	.....	.....	Tampa
13	<i>J. hemicyclica</i> Ravenel	6	5yo	4.0	.....	Hatteras

TABLE II. B.—*List of Pelecypoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber- mu- da.	Eur.	West Am.	Southern extra range.	Range in time.
*	*	*	*	*	*	*	*	*	----	----	----	Florida Keys	Pliocene.
----	----	----	----	*	*	*	----	*	----	----	----	Barbados....	
----	----	----	----	*	*	*	----	*	----	----	----	Martinique ..	
----	----	*	*	*	----	*	----	----	----	----	----	Charlotte H.	
*	*	*	*	*	*	*	*	*	*	----	----	Martinique ..	Pliocene.
*	*	*	----	----	----	----	----	----	----	*	----	Cape Fear...	
----	----	----	----	*	*	----	*	*	----	----	----	Guadalupe ..	
----	----	----	----	----	----	----	----	----	----	----	----	Barbados....	
*	*	*	*	*	*	*	*	*	----	----	----	Barbados....	Pliocene.
----	----	----	----	*	*	*	*	*	*	----	----	Guadalupe ..	
----	----	----	----	----	----	----	†	†	----	†	----	West Indies .	
----	----	----	----	*	*	*	*	*	*	----	----	Guadalupe ..	
----	*	----	*	*†	*†	----	*	*	----	----	----	Florida Str..	Pliocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range
Subgenus Amusium Schum.						
14	A. Mortoni Say .....	.....	.....	100.0	$\frac{30}{60}$	Gulf of Mex
15	A. Dalli Smith.....	4 } 40 }	1a-b } 6 }	62.0	$\frac{218}{1591}$	Bermuda
Section PROPEAMUSIUM Greg.						
16	A. Pourtalesianum Dall	5	12	.....	$\frac{13}{805}$	Cedar Keys..
17	var. <i>striatulum</i> Dall .....	.....	.....	.....	$\frac{128}{805}$	Santa Cruz ..
18	var. <i>marmoratum</i> Dall	4	3	12.0	$\frac{13}{805}$	.....
19	A. cancellatum Smith.....	5	1a, 2	26.0	$\frac{153}{1591}$	Charlotte H.
20	A. Holmesii Dall	5	7, 11	12.0	$\frac{100}{273}$	Fernandina
21	A. Sayanum Dall.....	5	3, 9	15.5	$\frac{150}{400}$	Florida Str..
Subgenus Pecten s. s.						
22	P. magellanicus Gmelin.....	70	2	200.0	$\frac{1}{103}$	Labrador....
23	P. irradians Lamarck	53	11	75.0	.....	Nova Scotia ..
24	var. <i>dislocatus</i> Say .....	.....	.....	40.0	.....	Hatteras
25	P. nucleus Born .....	.....	.....	25.0	.....	Florida Keys
26	P. exasperatus Sowerby .....	.....	.....	.....	.....	Hatteras
27	P. ornatus Lamarck .....	.....	.....	.....	.....	Cedar Keys..
28	P. antillarum Recluz .....	.....	.....	.....	.....	Key West
29	P. effluens Dall	42	9	26.0	$\frac{50}{300}$	Fernandina ..
30	P. phrygium Dall.....	40	1	35.5	$\frac{50}{300}$	Hatteras
31	P. glyptus Verrill .....	.....	.....	60.0	$\frac{60}{138}$	Rhode Island
32	P. imbricatus Gmelin .....	.....	.....	.....	.....	Tortugas
33	P. nodosus Linné .....	.....	.....	.....	.....	Hatteras
34	var. <i>fragosus</i> Conrad .....	.....	.....	.....	.....	Cedar Keys..
Section PSEUDAMUSIUM Ad.						
35	P. imbrifer Loven	4 } 64 }	4a-b } 142 }	12.5	$\frac{30}{630}$	Arctic Sea....
36	P. reticulus Dall	5	8, 10	7.0	$\frac{12}{124}$	Hatteras
37	P. thalassinus Dall .....	.....	.....	8.5	$\frac{32}{17}$	Rhode Island
38	P. leptaleus Verrill .....	.....	.....	7.0	142	.....
39	P. fragilis Jeffreys.....	.....	.....	.....	$\frac{656}{1730}$	Arctic Sea....
40	P. striatus Müller .....	.....	.....	.....	.....	Norway
41	P. Siggsberi Dall	4	2	11.5	158	Florida Str..
42	P. vitreus Gmelin	64	141	.....	$\frac{50}{800}$	Arctic Ocean..
43	P. strigillatus Dall	42	2	.....	$\frac{294}{1181}$	Fernandina ..
44	P. undatus Verrill	46	21	19.0	$\frac{1423}{1323}$	N. Atlantic..

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	---	*†	---	†	---	---	---	Haiti	Miocene.
---	---	---	---	---	---	†	---	†	†	---	---	Barbados.....	
---	---	---	---	†	†	*†	---	†	---	---	---	Grenada.....	
---	---	---	---	†	†	*†	---	†	---	---	---	St. Vincent..	
---	---	---	---	†	†	*	---	†	†	---	---	Grenada	
---	---	---	---	†	---	---	---	†	---	---	---	St. Vincent..	
---	---	---	---	†	---	---	---	†	---	---	---	Barbados.....	
---	---	---	---	---	†	---	---	†	---	---	---	Saba	
*	*	*	---	---	---	---	---	---	---	---	---	Hatteras	Miocene.
*	*	*	*	---	---	*	*	---	---	---	---	Tampa	Miocene.
---	---	*	*	*	*	*†	*	†	---	---	---	Florida Str..	Pliocene.
---	---	---	---	*	---	---	---	†*	---	---	---	Guadalupe ..	
---	---	*	---	*	*	*	---	*	---	---	---	Guadalupe ..	
---	---	---	---	*	*	---	---	*	---	---	---	Barbados.....	
---	---	---	---	*	---	---	---	*†	---	---	---	Guadalupe ..	
---	---	---	†	---	†	---	---	†	---	---	---	Cuba.....	
---	---	†	---	---	†	†	---	†	---	---	---	Grenada	
†	---	†	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	---	---	*	---	---	---	*	*	---	---	Trinidad	
---	---	*	---	*	*	*	---	*†	---	---	---	Florida Keys	
---	---	---	---	---	---	†	---	*	---	---	---	Guadalupe ..	
†	---	---	---	---	---	---	---	---	---	†	---	---	
---	---	†	---	---	---	---	---	†	---	---	---	Barbados.....	
---	---	*†	---	---	†	---	---	†	---	---	---	Barbados.....	
---	---	†	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	†	---	---	---	---	---	---	---	†	---	Hatteras	
†?	---	---	---	---	---	---	---	---	---	†	---	Rhode Island	
---	---	---	---	---	†	---	---	†	---	---	---	Cuba.....	
†?	---	---	---	---	---	†	---	---	---	†	?	Patagonia...	
---	---	---	†	---	---	†	---	†	---	†	---	Cuba.....	
†	---	---	---	---	---	---	---	---	---	---	---	N. lat. 37°...	

TABLE II. B.—List of *Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus HINNITES DeFrance.					
45	<i>H. Adamsi</i> Dall	5	6	28.0	573	N. Atlantic..
	Family LIMIDÆ.					
	Genus LIMA Bruguière.					
46	<i>L. squamosa</i> Lamarek					Sarasota
47	<i>L. tenera</i> Sowerby.....					Cedar Keys..
48	<i>L. scabra</i> Born					Hatteras
49	<i>L. albicoma</i> Dall.....			8.0	$\frac{11\frac{1}{2}}{127}$	Fla. Keys....
50	<i>L. hians</i> Gmelin				$\frac{1\frac{1}{2}}{8}$	Florida Str..
51	<i>L. inflata</i> Lamarek					Hatteras
	Subgenus <i>Limatula</i> S. Wood.					
52	<i>L. setifera</i> Dall			5.75	$\frac{5\frac{2}{3}}{80}$	Hatteras
53	<i>L. snbauriculata</i> Montagu				$\frac{6}{843}$	Arctic Sea..
54	<i>L. confusa</i> Smith				$\frac{1\frac{31}{30}}{1480}$	N. Atlantic..
55	<i>L. laminifera</i> Smith.....				$\frac{390}{498}$	Florida Str..
	Genus LIMÆA Bronn.					
56	<i>L. Bronniana</i> Dall.....			3.1	$\frac{1\frac{5}{6}}{100}$	Hatteras
57	var. <i>lata</i> Dall.....			5.2	$\frac{28}{804}$	Fernandina ..
	Suborder MYTILACEA.					
	Family AVICULIDÆ.					
	Genus AVICULA Lamarek.					
58	<i>A. atlantica</i> Lamarek.....				$\frac{10}{180}$	Hatteras ...
59	<i>A. nitida</i> Verrill				$\frac{28}{192}$	Rhode Island
	Genus MARGARITIPHORA Meg- erle.					
60	<i>M. radiata</i> Lamarek					Bermuda
	Genus PERNA Bruguière.					
61	<i>P. obliqua</i> Lamarek					St. Augustine
62	<i>P. ephippium</i> Lamarek					Bermuda
	Genus PINNA Linné.					
63	<i>P. muricata</i> Linné.....					N. Carolina..
64	<i>P. seminuda</i> Lamarek.....					Hatteras
65	<i>P. carnea</i> Gmelin					Hatteras

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West I. d.	Ber- mu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	---	---	---	†	---	††	---	St. Vincent..	
---	---	---	---	*	*	---	---	*†	*	*	---	Barbados....	
---	---	---	---	*	*	---	---	*	---	---	---	Barbados....	
---	---	*	---	*	---	---	---	*	---	---	---	Trinidad	Pliocene.
---	---	---	---	†	---	---	---	†	---	---	---	Barbados....	
---	---	---	---	*	---	---	---	*	---	*	---	Santa Cruz..	
---	---	*	*	---	*	*	---	*	*	*	*	Trinidad	
---	---	†	---	---	†	---	---	†	---	---	---	Barbados....	
---	---	*†	---	---	†	---	---	---	---	†*	---	Florida Str..	Pliocene.
---	---	*	---	†	---	†	---	†	---	†	---	Brazil.....	
---	---	---	---	†	---	---	---	†	---	---	---	Sombrero ...	
---	---	*†	---	†	---	---	---	†	---	---	---	Barbados....	
---	---	---	†	---	†	---	---	†	---	---	---	Cuba.....	
---	---	*†	*	---	*†	*	*	*	---	---	---	Venezuela...	P. Pliocene.
†	---	---	---	---	*	*	---	---	---	?	---	Tortugas ...	
---	---	---	*	*	*	*	---	*	*	---	---	Brazil.....	
---	---	---	---	*	*	*	*	*	*	---	---	Guadalupe ..	
---	---	---	*	*	---	---	---	*	*	---	---	Jamaica....	
---	---	*	*	*	*	*	*	*	---	---	---	Venezuela...	Pliocene.
---	---	*	*	*	*	*	*	*	---	---	---	Guadalupe ..	
---	---	*	*	*	*	---	---	*	---	---	---	Barbados....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family MYTILIDÆ.						
Genus MYTILUS Linné.						
66	M. edulis Linné.....	71 54	2 3	.....	.....	Arctic Sea...
67	M. hamatus Say ..			.....	.....	Rhode Island
68	M. exustus Linné ..	.....	.....	.....	.....	Charleston ..
Genus SEPTIFER Recluz.						
69	S. ——— .....	.....	.....	.....	.....	Tampa Bay..
Genus MODIOLA Lamarck.						
70	M. modiolus Linné.....	54	4	.....	0 80	Arctic Sea...
71	M. tulipa Linné.....	.....	.....	.....	.....	N. Carolina..
Section BRACHYDONTES Swainson.						
72	M. sulcata Lamarck .....	.....	.....	.....	.....	Tampa Bay..
73	M. plicatula Lamarck.	54	1	.....	.....	Nova Scotia.
74	var. semicostata Conrad .....	.....	.....	.....	.....	St. Augustine
Section AMYGDALUM Megerle.						
75	M. lignea Reeve .....	.....	.....	.....	.....	S. Carolina ..
76	M. polita Verrill & Smith.....	6 45	3 12	50.0 33.0	111 1000	N. Atlantic..
77	var. sagittata Dall .....			.....	85 96	Cedar Keys..
78	M. papyria Conrad .....	.....	.....	.....	.....	Jupiter Inlet
Section BOTULINA Dall.						
79	M. opifex Say .....	.....	.....	.....	0 32	Hatteras
Section BOTULA Mörch.						
80	M. cinnamomea Lamarck .....	.....	.....	.....	0 14	Cape Fear...
Genus LITHOPHAGUS Muhlfeldt.						
81	L. caribæus Philippi.....	.....	.....	.....	.....	Florida Str ..
82	L. antillarum Philippi .....	.....	.....	.....	.....	Bermuda
83	L. bisulcatus Orbigny .....	.....	.....	.....	.....	Cedar Keys ..
84	L. forficatus Ravenel.....	.....	.....	.....	.....	Cape Fear...
Genus DACRYDIUM Torell.						
85	D. vitreum, Möller.....	.....	.....	.....	6 1555	Arctic.....
Genus IDAS Jeffreys..						
83	I. argenteus Jeffreys	45	16a	5.5	335 2033	N. Atlantic ..

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber-mu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*	—	—	—	—	—	—	—	*	*	N. Carolina..	Pliocene.
*	*	*	*	—	*	*	*	—	—	—	—	Costa Rica ..	
—	—	*	—	*	*	*	*	*	*	—	—	Brazil.	
—	—	—	—	—	—	*	—	—	—	—	—	—	
*	*	*	—	—	—	—	—	—	—	*	*	N. Carolina..	Pliocene.
—	—	*	*	*	—	*	—	*	*	—	—	Guadalupe ..	
—	—	—	—	*	*	*	—	*	—	—	—	Barbados....	
*	*	*	*	—	—	—	—	—	—	—	—	Georgia	
—	—	—	*	—	—	*	*	—	—	—	—	Texas	
—	—	*	*	—	*	*	—	*	—	—	—	St. Thomas..	
†	—	†	—	—	†	†	—	†	—	†	—	Grenada	
—	—	—	—	—	†	†	—	—	—	—	—	Cape Florida	
—	—	—	—	*	—	*	*	—	—	—	—	Corp. Christi	
—	—	*	—	—	*	—	*	*	—	—	—	Cuba	
—	—	*	—	—	*	*	—	*	—	—	—	Guadalupe ..	
—	—	—	—	—	*	—	—	*	—	—	—	St. Thomas..	
—	—	—	—	—	*	—	—	*	*	—	—	Guadalupe ..	
—	—	—	—	—	*	*	—	*	*	—	—	Guadalupe ..	
—	—	*	—	—	*	*	—	*	—	—	—	Jamaica	
†	†	†	—	†*	*	—	—	*†	—	†	—	Campeche...	
†	—	—	?	—	—	—	—	—	—	†	—	Rhode Island	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus MODIOLARIA Beck.						
87	<i>M. nigra</i> Gray	54	2	.....	$\frac{0}{60}$	Arctic Sea...
88	<i>M. corrugata</i> Stimpson	53	9	.....	$\frac{2}{100}$	Arctic Sea...
89	<i>M. lateralis</i> Say	6	7, 8	.....	.....	Maine.....
Genus CRENELLA Brown.						
90	<i>C. glandula</i> Totten	53	10	.....	$\frac{5}{60}$	Arctic Sea...
91	<i>C. decussata</i> Montagu	64	136a	.....	$\frac{2}{121}$	Arctic Sea...
92	<i>C. divaricata</i> Orbigny .....	.....	.....	.....	.....	Hatteras
93	<i>C. fragilis</i> Verrill .....	.....	.....	14. 0	70	Chesapeake ..
Genus DREISSENSIA Van Ben.						
Subgenus <i>Mytilopsis</i> Conrad.						
94	<i>M. lencopheata</i> Conrad .....	.....	.....	.....	.....	Maryland
Suborder ARCACEA.						
Family ARCIDÆ.						
Genus ARCA Linné.						
Section ARCA Lamarck.						
95	<i>A. noë</i> Linné .....	.....	.....	.....	$\frac{1}{20}$	Hatteras
96	<i>A. imbricata</i> Bruguière .....	.....	.....	.....	.....	Hatteras
Section BARBATIA Gray.						
97	<i>A. candida</i> Chemnitz .....	.....	.....	.....	$\frac{0}{8}$	Hatteras
98	<i>A. ———</i> .....	.....	.....	.....	.....	St. Augustine ..
99	<i>A. ectocomata</i> Dall	6	9, 10	26. 0	$\frac{82}{169}$	.....
100	<i>A. barbata</i> Linné .....	.....	.....	.....	$\frac{2}{75}$	N. Carolina..
Section NOETIA Gray.						
101	<i>A. ponderosa</i> Say .....	.....	.....	.....	.....	Cape Cod....
102	<i>A. Orbignyi</i> Kobelt .....	.....	.....	.....	.....	Texas
103	<i>A. Jamaicensis</i> Gmelin .....	.....	.....	.....	.....	N. Carolina..
Section SCAPHARCA Gray.						
104	<i>A. lienosa</i> Say .....	.....	.....	.....	.....	Hatteras
105	<i>A. transversa</i> Say	56	2	.....	$\frac{2}{10}$	Cape Cod....
106	<i>A. incongrua</i> Say .....	.....	.....	.....	.....	Hatteras
107	<i>A. auriculata</i> Lamarck .....	.....	.....	.....	$\frac{15}{40}$	Key West
Section ARGINA Gray.						
108	<i>A. pexata</i> Say	56	16	.....	$\frac{0}{10}$	Cape Cod....
109	<i>A. Holmesii</i> Kurtz .....	.....	.....	.....	.....	.....
110	<i>A. Americana</i> Gray .....	.....	.....	.....	.....	Hatteras

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Rat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	--	*	--	----	----	----	----	----	----	*	*	Hatteras	P. Pliocene.
*	--	*	--	----	----	----	----	----	----	*	*	Hatteras	P. Pliocene.
----	--	*	--	----	*	*	----	*	*	*	----	N. Grenada ..	
*	--	*	--	----	----	----	----	----	----	----	----	Hatteras	P. Pliocene.
----	--	†*	--	----	----	----	----	----	----	*	*	Hatteras	
----	--	*	--	----	*	*	----	*†	----	----	----	Barbados ...	
----	--	†	----	----	----	----	----	----	----	----	----	-----	
*	*	*	--	*	----	*	----	*	----	----	----	Aspinwall ...	
----	--	*	--	----	*	*	----	*	*	*	*	Carthageua .	
----	--	*	*	*	*	*	*	*	*	----	----	Aspinwall ...	
----	--	*	--	----	*	*	----	*	----	----	----	Trinidad	
----	--	----	*	----	----	*	----	*	----	----	----	St. Thomas ..	
----	--	----	----	----	----	----	----	†	----	----	----	Barbados	
----	--	*	--	----	*	*	*	*†	----	----	----	Barbados	
*	*	*	*	*	*	*	*	*	----	----	----	St. Thomas ? .	P. Pliocene.
*	*	*	*	*	*	*	*	*	----	----	----	St. Thomas ..	
----	--	*	*	----	----	*	----	*	*	----	----	Venezuela ...	Pliocene.
----	--	*	*	*	*	*	*	*	----	----	----	Trinidad	Pliocene.
*	*	*	*	*	*	----	----	----	----	----	----	Key West ...	Miocene
----	--	*	*	*	*	*	*	----	----	----	----	Aspinwall ...	Pliocene
----	--	----	--	----	*	----	*	*	----	----	----	Martinique ..	
*	*	*	*	----	----	?	*	----	----	----	----	-----	Pliocene.
----	--	*	--	----	----	----	----	----	----	----	----	Charleston ..	
----	--	*	*	*	*	----	*	*	----	----	----	Trinidad	Pliocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon	Range in depth.	Northern extreme range.
Section BYSSOARCA Swainson.*						
111	<i>A. reticulata</i> Gmelin .....	.....	.....	.....	287	Hatteras
112	<i>A. Adamsi</i> Shuttleworth .....	.....	.....	.....	38	Hatteras
113	var. <i>Conradiana</i> Dall .....	.....	.....	.....	25	Hatteras
114	<i>A. nodulosa</i> Müller .....	.....	.....	.....	125	Norway
115	<i>A. pectunculoides</i> Scacchi	8	5	8.0	1668	Norway
116	<i>A. polycyma</i> Dall	8	3, 3a	9.75	.....	.....
117	<i>A. glomerula</i> Dall	8	9, 9a	5.75	100 683	Hatteras
Subgenus Macrodon Lycett.						
118	<i>M. asperula</i> Dall	8	4, 4a	8.5	310 568	Fernandina..
119	<i>M. sagrinata</i> Dall .....	.....	.....	6.0	80	Florida Str ..
120	<i>M. profundicola</i> Verrill	46	23, 23a	12.0	2021	N. Lat. 37° ..
121	<i>M. ———</i> .....	.....	.....	.....	92	Florida Str ..
Genus PECTUNCULUS Lam.						
122	<i>P. undatus</i> Linné .....	.....	.....	.....	15 63	Hatteras
123	<i>P. pectinatus</i> Gmelin .....	.....	.....	.....	175	Hatteras
Genus LIMOPSIS Sassi.						
124	<i>L. minuta</i> Philippi .....	.....	.....	.....	220 221	Norway
125	<i>L. tenella</i> Jeffreys .....	.....	.....	10.5	107 2033	N. Atlantic ..
126	<i>L. antillensis</i> Dall	8	7, 7a	3.5	80 683	Hatteras
127	<i>L. cristata</i> Jeffreys .....	.....	.....	.....	155 1095	Norway
128	<i>L. aurita</i> Brocchi .....	.....	.....	22.0	175 112	Norway
129	var. <i>paucidentata</i> Dall .....	.....	.....	9.0	874	.....
130	var. <i>piana</i> Verrill .....	.....	.....	14.0	113 221	Chesapeake..
Suborder NUCULACEA.						
Family NUCULIDÆ.						
Genus PLEURODON S. Wood.						
131	<i>P. Adamsii</i> Dall .....	.....	.....	2.87	205	Florida Str..
Genus NUCULA Lamarck.						
132	<i>N. ægeensis</i> Jeffreys .....	.....	.....	10.7	6 64	Mediterr. Sea.
133	<i>N. cymella</i> Dall .....	.....	.....	5.1	205 100	Florida Str..
134	<i>N. tenuis</i> Montagu	68	8	.....	75 1388	Arctic Ocean
135	<i>N. proxima</i> Say	56	4	.....	100	Nova Scotia.
136	<i>N. delphinodonta</i> Mighels	56	8	.....	.....	Greenland ..
137	<i>N. cancellata</i> Jeffreys .....	.....	.....	.....	858 2033	N. Atlantic ..
138	<i>N. granulosa</i> Verrill .....	.....	.....	.....	63 88	George's B'k.
139	<i>N. crenulata</i> A. Adams	7	2	7.3	30 382	Hatteras
140	var. <i>obliterata</i> Dall	8	2	7.3	121 151	Hatteras
141	<i>N. Verrilli</i> Dall .....	.....	.....	4.5	130 1685	Rhode Island

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
----	----	†*	—	*	*	*	*	*	*	----	----	Barbados....	P. Pliocene.
----	----	*	—	—	*	*	—	*	*	----	----	St. Lucia....	
----	----	*	—	—	—	†	—	—	—	—	—	Cedar Keys..	
----	----	—	—	—	†*	—	—	—	—	*	—	Sand Key....	
†	—	†	†	—	—	†	—	†	—	†	—	St. Vincent..	
----	----	—	—	—	—	—	—	†	—	—	—	Grenada....	
----	----	†	—	—	†	†	—	†	—	—	—	St. Vincent..	
----	----	—	—	—	—	—	—	—	—	—	—	Yucatan....	
----	----	—	—	—	†	—	—	†	—	—	—	Cuba.....	
†	—	—	—	—	—	—	—	—	—	—	—	—	
----	----	—	—	—	†	—	—	†	—	—	—	Cuba.....	Miocene. Pliocene.
----	----	*	*	*	*	—	—	*	—	—	—	St. Lucia....	
----	----	*	*	—	*	*	*	*†	—	—	—	Barbados....	Miocene.
†	—	—	—	—	†	*	—	†	—	†	—	Barbados....	
†	—	—	—	—	†	†	—	†	—	†	—	Cuba.....	
----	----	†	—	—	†	—	—	†	—	—	—	Florida Str..	
†	—	†	†	—	†	—	†	†	—	†	—	Yucatan....	
†	†	†	†	—	†	†	—	†	†	†	—	Grenada....	Miocene.
----	----	—	—	—	—	—	—	†	—	—	—	Jamaica....	
†	†	—	—	—	—	—	—	†	—	—	—	Dominica...	
----	----	—	—	—	—	—	—	—	—	—	—	—	Bahamas....
----	----	—	—	—	—	—	—	—	—	—	—	—	
----	----	—	—	—	—	—	—	—	—	—	—	—	
----	----	†*	†	—	†	*	—	†	—	†	—	Trinidad....	
----	----	—	—	—	†	—	—	†	—	—	—	Yucatan....	
*	*	*	—	—	—	—	—	—	—	†*	*	Hatteras....	Miocene. P. Pliocene.
*†	*	†*	—	—	—	*	—	—	—	—	—	Charlotte H.	
*	—	—	—	—	—	—	—	—	—	?	—	New Jersey..	
†	—	—	—	—	—	—	—	—	—	†	—	—	
----	----	†	—	—	—	—	—	—	—	—	—	C. Lookout..	
----	----	†	—	—	—	*†	—	†	—	—	—	Barbados....	St. Vincent.. Yucatan....
----	----	†	—	—	—	—	—	†	—	—	—	St. Vincent..	
†	†	†	—	—	—	†	—	†	—	—	—	Yucatan....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family LEDIDÆ.						
Genus LEDA Schumacher.						
Subgenus Yoldia Mörch.						
142	<i>Y. solenoides</i> Dall.....	9	2, 2a	12.5	118	Miss. delta ..
143	<i>Y. liorhina</i> Dall.....	9	1.1a	13.1	$\frac{100}{1568}$	Gulf of Mex.
144	<i>Y. limatula</i> Say.....	{ 49 56	{ 5 1	{ }-----	$\frac{2}{80}$	Norway
145	<i>Y. sapotilla</i> Gould ..	56	9	-----	$\frac{5}{124}$	Arctic Sea...
146	<i>Y. sericea</i> Jeffreys.....	-----	-----	-----	$\frac{126}{1731}$	N. Atlantic ..
147	<i>Y. hebes</i> Smith	-----	-----	4.0	$\frac{196}{803}$	Cedar Keys..
148	<i>Y. insculpta</i> Jeffreys ..	-----	-----	-----	$\frac{193}{690}$	N. Atlantic ..
149	<i>Y. jeffreysi</i> Hidalgo.....	-----	-----	-----	$\frac{349}{1686}$	N. Atlantic..
150	<i>Y. subequilatera</i> Jeffreys.....	-----	-----	-----	$\frac{92}{1731}$	Norway
151	<i>Y. pompholyx</i> Dall.....	-----	-----	4.0	$\frac{205}{1024}$	Fernandina ..
Subgenus Leda Schumacher.						
152	<i>L. Carpenteri</i> Dall.....	{ 8 9	{ 11 3	10.5	$\frac{14}{287}$	Hatteras
153	<i>L. messanensis</i> Seguenza.....	-----	-----	4.0	$\frac{33}{333}$	N. Atlantic..
154	<i>L. solidula</i> Smith	-----	-----	-----	$\frac{640}{1002}$	Hatteras
155	<i>L. vitrea</i> Orbigny.....	8	12, 12a	6.5	$\frac{100}{200}$	Florida Str..
156	<i>L. acuta</i> Conrad	{ 7 45 64	{ 3, 8 15 140	{ 9.5 13.0	{ } $\frac{7}{28}$	Rhode Island
157	<i>L. bushiana</i> Verrill	-----	-----	15.0	$\frac{120}{816}$	Hatteras
158	<i>L. concentrica</i> Say	-----	-----	-----	-----	Texas
159	<i>L. verrilliana</i> Dall	-----	-----	13.0	-----	Hatteras
160	<i>L. ———</i>	-----	-----	4.1	$\frac{227}{1024}$	Cedar Keys..
161	<i>L. ———</i>	-----	-----	4.0	$\frac{465}{886}$	Florida Str..
162	<i>L. quadrangularis</i> Dall	8	6	4.6	$\frac{683}{1568}$	Hatteras
163	<i>L. pusio</i> Philippi.....	-----	-----	-----	$\frac{856}{1691}$	N. Atlantic..
164	<i>L. solidifacta</i> Dall	7	7a-b	12.5	287	Florida Str..
165	<i>L. ———</i>	-----	-----	-----	$\frac{186}{225}$	Cedar Keys..
Section NEILONELLA Dall.						
166	<i>L. corpulenta</i> Dall	7	1a-b	9.5	$\frac{100}{480}$	Florida Str..
Genus MALLETTIA Desm.						
Section TINDARIA Bellardi.						
167	<i>M. cytherea</i> Dall.....	8	1, 1a	8.6	$\frac{200}{724}$	Florida Str..
168	<i>M. amabilis</i> Dall.....	40	8	15.0	$\frac{168}{940}$	Cedar Keys..

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
						†	†					Yucatan....	
					†	†		†				Barbados....	
*	*	*								*	*	N. Carolina..	Pliocene.
†		†								*	*	Hatteras....	
†	†	†		†				†		†		Florida Str..	
						†		†				Culebra Id..	
				†	†			†		†		Florida Str..	
		†			†			†	†	†		Florida Str..	
		†				†				†		Grenada....	
			†	†	†			†				Cuba.....	
		†		†	†*			†				Barbados....	
†	†	†*	†	†	†			†	†	*		Barbados....	Pliocene.
		†			†	†	†	†				Brazil.....	
					†			†				Barbados....	
		†*	*		†	*†		†				Sombrero....	Miocene.
		†		†								Florida Str..	
						*	*	*				Trinidad....	Pliocene.
		†*										Cape Fear..	
					†	†		†				Cuba.....	
				†	†			†				Cuba.....	
		†			†			†				Cuba.....	
					†		†	†		†		Bequia.....	Pliocene.
					†			†				Cuba.....	
				†		†		†				Florida Str..	
					†			†				Jamaica....	
				†		†		†				St. Vincent..	
						†		†				Tobago.....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Section NELLO A. Ad.						
169	<i>M. dilatata</i> Philippi .....	.....	.....	.....	$\frac{292}{382}$	N. Atlantic..
170	<i>M. ———</i> .....	.....	.....	.....	1181	Cedar Keys..
171	<i>M. obtusa</i> Sars .....	.....	.....	.....	$\frac{516}{1688}$	Norway
Genus GLOMUS Jeffreys.						
172	<i>G. nitens</i> Jeffreys .....	.....	.....	.....	$\frac{294}{1760}$	Norway
Suborder SOLENOMYACEA.						
Family SOLENOMYIDÆ.						
Genus SOLENOMYA Lamarck.						
173	<i>S. velum</i> Say	58	3	20.0	$\frac{30}{384}$	Nova Scotia.
174	<i>S. ———</i> .....	.....	.....	12.0	$\frac{30}{300}$	C. Lookont..
175	<i>S. occidentalis</i> Deshayes .....	.....	.....	7.0	$\frac{9}{8}$	Gulf of Mex.
Order TELEODESMACEA.						
Suborder CARDITACEA.						
Family CARDITIDÆ.						
Genus CARDITA Bruguière.						
176	<i>C. domingensis</i> Orbigny .....	.....	.....	.....	$\frac{36}{124}$	Hatteras
177	<i>C. Conradii</i> Shuttleworth ? .....	.....	.....	.....	.....	Tampa
178	<i>C. floridana</i> Conrad .....	.....	.....	.....	.....	Tampa
179	<i>C. gracilis</i> Shuttleworth .....	.....	.....	.....	.....	Tampa
Subgenus Venericardia Lamarck.						
180	<i>V. borealis</i> Conrad	58	9	.....	$\frac{5}{100}$	Arctic Sea...
181	var. <i>granulata</i> Say .....	.....	.....	.....	$\frac{50}{200}$	Rhode Island
182	var. <i>nov anglie</i> Morse	58	10	.....	$\frac{30}{40}$	Nova Scotia.
183	<i>V. tridentata</i> Say .....	.....	.....	.....	$\frac{36}{124}$	Hatteras
184	<i>V. flabella</i> Conrad .....	.....	.....	.....	$\frac{14}{62}$	Hatteras
Family ASTARTIDÆ.						
Genus ASTARTE J. Sowerby.						
185	<i>A. undata</i> Gould	58	1	.....	$\frac{5}{100}$	Nova Scotia.
186	<i>A. castanea</i> Say	58	7	.....	$\frac{5}{65}$	Nova Scotia.
187	<i>A. lens</i> Stimpson .....	.....	.....	.....	$\frac{22}{124}$	Rhode Island
188	<i>A. Smithii</i> Dall	7	5a-b	7.0	$\frac{54}{1568}$	Gulf of Mex.
189	<i>A. globula</i> Dall .....	.....	.....	5.0	$\frac{294}{402}$	Fernandina ..
190	<i>A. nana</i> Jeffreys	7	6a-b	8.2	$\frac{29}{196}$	Hatteras
Subgenus Goodallia Turton.						
191	<i>G. ———</i> .....	.....	.....	.....	$\frac{15}{52}$	Cape Lookont

TABLE II. B.—*List of Pelecypoda*—Continued.

[illegible]

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus PARASTARTE Conrad.						
192	<i>P. triquetra</i> Conrad	49	6, 7, 8	5.0	.....	Cedar Keys..
193	<i>P. concentrica</i> Dall .....	.....	.....	5.5	$\frac{18}{49}$	Hatteras
Genus CIRCE Schumacher.						
Subgenus Gouldia C. B. Adams.						
194	<i>G. ceriua</i> C. B. Adams	7	4a-b	10.5	$\frac{22}{25}$	Hatteras
195	<i>G.</i> .....	.....	.....	.....	$\frac{49}{63}$	Hatteras
Family CRASSATELLIDÆ.						
Genus CRASSATELLA Lamarck.						
196	<i>C. floridana</i> Dall	{ 6 42	12 4	11.0 } 65.0 }	$\frac{3}{100}$	Hatteras
Subgenus Eriphyla Gabb.						
197	<i>E. lunulata</i> Conrad	58	11, 13	.....	$\frac{3}{100}$	Cape Cod ...
198	var. <i>parva</i> C. B. Adams .....	.....	.....	.....	$\frac{15}{287}$	Florida Str..
Suborder LEPTONACEA.?						
Family ERYCINIDÆ.						
Genus TURTONIA Forbes & Hanley.						
199	<i>T. minuta</i> Fabricius	{ 64 68	142a 7	{ ..... .....	.....	Arctic Sea...
Genus KELLIA Turton.						
200	<i>K. planulata</i> Stimpson	56	7	.....	$\frac{8}{15}$	Arctic Sea...
Genus LEPTON Turton.						
201	<i>L. longipes</i> Stimpson .....	.....	.....	.....	.....	Hatteras
202	<i>L.</i> .....	.....	.....	.....	22	C. Lookout..
203	<i>L.</i> .....	.....	.....	.....	22	C. Lookout..
204	<i>L.</i> .....	.....	.....	.....	$\frac{12}{31}$	C. Lookout..
205	<i>L. lepidum</i> Stimpson? .....	.....	.....	.....	124	Hatteras
Subgenus Fabella Conrad.						
206	<i>F. constricta</i> Conrad .....	.....	.....	.....	.....	Cedar Keys..

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
-----	-----	-----	-----	-----	-----	*	-----	-----	-----	-----	-----	Charlotte ...	Pliocene.
-----	-----	*	*	-----	-----	-----	-----	-----	-----	-----	-----	St. Augustine	
-----	-----	†*	-----	-----	*	†*	-----	†	*	-----	-----	Barbados....	Miocene.
-----	-----	†	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
-----	-----	-----	-----	-----	*	*	-----	*	-----	-----	-----	Barbados....	
†*	-----	*†	-----	*	*	*	-----	*	*	-----	-----	Barbados....	Pliocene.
-----	-----	-----	-----	-----	†	-----	-----	*†	-----	-----	-----	Barbados ...	Pliocene.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
*	?	*	-----	-----	-----	-----	-----	-----	-----	-----	-----	S. Carolina ..	
?	-----	†	-----	-----	-----	-----	-----	?	-----	-----	-----	Hatteras	Pliocene.
-----	-----	*	-----	-----	-----	-----	-----	-----	-----	-----	-----	S. Carolina ..	
-----	-----	*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	Pliocene.
-----	-----	*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
-----	-----	*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
-----	-----	†	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
-----	-----	?	-----	-----	-----	*	-----	-----	-----	-----	-----	Charlotte H.	Miocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Suborder LUCINACEA.						
Family UNGULINIDÆ.						
Genus TELLIMYA Brown.						
207	<i>T. ferruginosa</i> Montagu.....	45	13	8.5	$\frac{365}{134}$	Norway.....
208	<i>T. tumidula</i> Jeffreys					Arctic Sea...
209	<i>T. elevata</i> Stimson	68	6		$\frac{2}{63}$	Maine.....
Genus CRYPTODON Turton.						
210	<i>C. obesus</i> Verrill	58	12		$\frac{122}{1290}$	Arctic Sea...
211	<i>C. ovoidens</i> Dall				353	S. Carolina..
212	<i>C. grandis</i> Verrill and Smith	46	22	21.0	$\frac{038}{1582}$	Delaware...
213	<i>C. pyriformis</i> Dall				$\frac{85}{731}$	Cape Fear...
214	<i>C. ferruginosus</i> Forbes				$\frac{100}{1467}$	Arctic Sea...
215	<i>C. tortuosus</i> Jeffreys				$\frac{500}{1290}$	N. Atlantic..
216	<i>C. Gouldii</i> Philippi.....	58	2		$\frac{6}{300}$	Arctic Sea...
Family CYRENELLIDÆ.						
Genus CYRENOIDEA Joannis.						
217	<i>C. floridana</i> Dall.....					Fernandina..
Family LUCINIDÆ.						
Genus LUCINA Bruguière.						
Subgenus Divaricella Von Martens.						
218	<i>D. dentata</i> Wood	58	6		$\frac{6}{52}$	George's B'k.
219	<i>D. quadriscutata</i> Orbigny					Hatteras....
Subgenus Lucina s. s.						
220	<i>L. pennsylvanica</i> Linné.....					Hatteras....
221	<i>L. filosa</i> Stimpson.....	58	14		$\frac{18}{600}$	Arctic Sea...
222	<i>L. jamaicensis</i> Lamarek.....					St. Augustine
223	<i>L. floridana</i> Conrad					Cedar Keys..
224	<i>L. tigrina</i> Linné					St. Augustine
225	<i>L. pecten</i> Lamarek.....					Tampa.....
226	<i>L. lenticula</i> Reeve				$\frac{6}{300}$	Turtle Harb.
227	<i>L. pectinella</i> C. B. Adams					Cape Florida
228	<i>L. squamosa</i> Lamarek				$\frac{2}{4}$	C. Lookont..
229	<i>L. costata</i> Thomey & Holmes				$\frac{2}{610}$	Hatteras...
230	<i>L. crenulata</i> Conrad				$\frac{15}{124}$	Hatteras...
231	<i>L. trisulcata</i> Conrad				$\frac{1}{8}$	Hatteras....
232	<i>L. leucocyna</i> Dall			5.6	$\frac{683}{72}$	Hatteras....
233	<i>L. sombreroensis</i> Dall			6.5	$\frac{50}{72}$	Gulf of Mex.

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-ua.	Eur.	West Am.	Southern extreme range.	Range in time.
?	---	---	---	---	---	---	---	---	---	*	---	Rhode Id ?	
†	---	†	---	---	---	---	---	---	---	†	---	Hatteras	
?	---	†	---	---	---	---	---	---	---	---	---	Hatteras	
†	---	*†	†	†	†	---	---	---	---	---	---	Cape Florida	
---	---	†	---	---	---	---	---	---	---	---	---	---	
†	†	†	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	†	---	---	†	---	---	†	---	---	---	Yucatan	
†	†	†	---	---	---	---	---	---	---	†	†	Hatteras	
†	---	†	---	---	---	---	---	---	---	†	---	Hatteras	
*	---	---	---	---	---	---	---	---	---	---	---	Rhode Id	P. Pliocene.
---	---	---	*	*	*	*	---	---	---	---	---	Florida Keys	Pliocene.
---	---	†*	---	---	---	---	---	†*	---	---	---	Brazil	
---	---	*	*	*	†	*	---	†*	---	---	---	Trinidad	
---	---	*	---	*	*	*	---	*	---	---	---	Guadalupe	Pliocene.
†	†	*†	---	---	†	---	---	†	---	---	---	Patagonia	P. Pliocene.
---	---	---	*	---	---	*	*	*	---	---	---	Guadalupe	Pliocene.
---	---	---	---	---	*	*	---	---	---	---	---	Key West	
---	---	---	*	---	*	*	*	*	*	---	---	Aspinwall	Pliocene.
---	---	---	---	---	*	*	---	*	*	---	---	Curacao	P. Pliocene.
---	---	---	---	---	†	---	---	†	---	---	---	Cuba	
---	---	---	---	---	†	---	---	*	---	---	---	Jamaica	
---	---	*	---	---	*	*	---	*	*	---	---	Guadalupe	
---	---	*	---	---	*	*	---	†	---	---	---	Yucatan	Pliocene.
---	---	†*	---	*	*	*	---	*	---	---	---	Cuba	Pliocene.
---	---	*	---	---	*	*	---	*	---	---	---	Cuba	Pliocene.
---	---	†	---	---	†	---	---	†	---	---	---	Sombrero	
---	---	---	---	---	†	†	---	†	---	---	---	Sombrero	

TABLE II. B.—List of Pelecypoda—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
234	<i>L. sagrinata</i> Dall .....	.....	.....	7.6	$\frac{8.5}{300}$	Gulf of Mex.
235	<i>L. multilineata</i> Conrad .....	.....	.....	15.0	$\frac{8}{287}$	C. Lookont..
236	<i>L. lineata</i> Conrad .....	.....	.....	.....	$\frac{0}{200}$	Hatteras
237	<i>L. scabra</i> Lamarek .....	.....	.....	.....	$\frac{10}{122}$	Florida Str..
Genus LORIPES Poli.						
238	<i>L. edentula</i> Linné .....	.....	.....	.....	$\frac{5}{50}$	Hatteras
239	var. <i>chrysostoma</i> Möreh .....	.....	.....	.....	.....	Tampa
240	<i>L. leus</i> Verrill and Smith .....	.....	.....	.....	$\frac{5}{464}$	Cape Cod ...
241	<i>L. compressa</i> Dall	14	2	10.0	$\frac{22}{424}$	Gulf of Mex.
Family DIPLODONTIDÆ.						
Genus DIPLODONTA Turton.						
242	<i>D. turgida</i> V. & S	{	45 10, 11)	25.0	$\frac{1.5}{179}$	Rhode Island
			64 136)			
			65 135)			
243	<i>D. subglobosa</i> C. B. Adams .....	.....	.....	.....	$\frac{2}{124}$	Hatteras
244	<i>D. soror</i> C. B. Adams .....	.....	.....	.....	.....	Tortugas
245	<i>D. semiaspera</i> Philippi .....	.....	.....	.....	$\frac{14}{294}$	Hatteras
Suborder CHAMACEA.						
Family CHAMIDÆ.						
Genus CHAMA Bruguière.						
246	<i>C. arcinella</i> Linné .....	.....	.....	.....	$\frac{0}{26}$	Hatteras
247	<i>C. sarda</i> Reeve .....	.....	.....	.....	$\frac{0}{86}$	Cape Florida
248	<i>C. congregata</i> Conrad .....	.....	.....	.....	$\frac{0}{32}$	Hatteras
249	<i>C. macrophylla</i> Chemnitz .....	.....	.....	.....	$\frac{0}{287}$	Tampa
250	<i>C. lactuca</i> Dall .....	.....	.....	25.0	$\frac{53}{100}$	Hatteras
Suborder CARDIACEA.						
Family CARDIIDÆ.						
Genus CARDIUM Linné.						
251	<i>C. magnum</i> Boru .....	.....	.....	.....	.....	Virginia
252	<i>C. isocardia</i> Linné .....	.....	.....	.....	.....	Hatteras
253	<i>C. muricatum</i> Linné .....	.....	.....	.....	.....	N. Carolina..
254	<i>C. antillarum</i> Orbigny	4	6	8.2	$\frac{3}{182}$	Florida Str..
255	<i>C. pinnulatum</i> Conrad	58	5	.....	$\frac{1}{266}$	Labrador....
256	<i>C. islandicum</i> Linné .....	.....	.....	.....	$\frac{5}{50}$	Arctic Sea...
257	<i>C. peramabilis</i> Dall	{	4 7)	12.5	$\frac{8}{164}$	Rhode Island
			40 4)			
258	var. <i>tinctum</i> Dall .....	.....	.....	.....	$\frac{72}{100}$	Key West ...
259	<i>C. medium</i> Linné .....	.....	.....	.....	.....	C. Lookout ..

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	†	†	---	†	---	---	---	Yucatan ..	Pliocene.
---	---	*	---	*†	*	*	---	†	---	---	---	Grenada ..	
---	---	*	---	†	*†	*	---	*	---	---	---	Cuba	
---	---	---	---	---	†	---	---	†	---	---	*	Guadalupe ..	
---	---	†	---	---	*	*	*	---	*	---	---	Martinique ..	Pliocene.
---	---	---	---	---	*	*	---	---	---	---	---	Santa Cruz ..	
---	---	---	---	---	†	---	---	†	---	---	---	Grenada ..	
---	---	---	---	---	---	---	†	†	---	---	---	Sombrero ..	
†	---	†*	---	---	---	---	---	†	---	---	---	Grenada ..	Pliocene.
---	---	†*	---	---	*	*	---	*†	---	---	---	Trinidad	
---	---	---	---	---	*	---	---	*	---	---	---	Jamaica	
---	---	†*	†	†	*	---	---	†*	---	---	---	St. Thomas ..	
---	---	*	---	---	*	*	*	*	---	---	---	Guadalupe ..	Pliocene.
---	---	---	---	---	*†	---	---	*†	---	---	---	Trinidad	
---	---	*	---	---	---	*	---	*	---	---	---	Yucatan ..	Miocene.
---	---	?	---	---	*	*	---	*†	*	---	---	Curacao	Pliocene.
---	---	†	---	---	---	---	---	†	---	---	---	Barbados	
---	*	*	*	*	*	*	*	*	---	---	---	Cuba	Pliocene.
---	---	*	---	---	*	*	---	*	*	---	---	Trinidad	
---	---	*	*	*	*	*	*	*	---	---	---	Trinidad	Pliocene.
---	---	---	---	---	*	---	---	*†	---	---	---	Guadalupe ..	Pliocene.
---	---	†*	---	---	---	---	---	---	---	---	---	C. Lookout ..	P. Pliocene.
?	---	*?	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	†	---	†	†	†	---	*†	---	---	---	Grenada ..	
---	---	---	---	---	*†	---	---	*†	---	---	---	Barbados	
---	---	*	*	---	*	*	---	*†	---	---	---	Brazil	Pliocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Subgenus <i>Papyridea</i> Swainson.						
260	<i>P. bullata</i> Linné .....	.....	.....	.....	$\frac{2}{300}$	Hatteras
261	<i>P. Petitiana</i> Orbigny .....	.....	.....	.....	$\frac{3}{300}$	Cape Florida.
Subgenus <i>Liocardium</i> Swainson.						
262	<i>L. serratum</i> Linné .....	.....	.....	.....	$\frac{0}{52}$	Hatteras
263	<i>L. lævigatum</i> Linné .....	.....	.....	.....	$\frac{7}{0}$	Hatteras
264	<i>L. Mortoni</i> Conrad	58	8	21.0	$\frac{0}{0}$	Nova Scotia .
Family VENILIIDÆ.						
Genus <i>CYPRINA</i> Lamarck.						
265	<i>C. islandica</i> Linné	57	1	58.0	$\frac{6}{90}$	Arctic Ocean
Family ISOCARDIIDÆ.						
Genus <i>ISOCARDIA</i> Lamarck.						
Subgenus <i>Meiocardia</i> H. & A. Adams.						
266	<i>M. Agassizii</i> Dall	40	7	22.0	117	.....
Genus <i>CALLOCARDIA</i> A. Adams.						
Subgenus <i>Vesicomya</i> Dall.						
267	<i>V. pilula</i> Dall	8	13	2.6	$\frac{234}{1091}$	Fernandina .
268	<i>V. venusta</i> Dall	40	5	19.0	$\frac{107}{107}$	Cape Fear...
Suborder VENERACEA.						
Family VENERIDÆ.						
Genus <i>VENUS</i> Linné.						
269	<i>V. mercenaria</i> Linné	{ 55 71	{ 7 1, 3 }	75.0	.....	Nova Scotia .
270	var. <i>Mortoni</i> Conrad .....	.....	.....	.....	.....	Hog Isl'd, Va.
271	<i>V. crispata</i> Deshayes .....	.....	.....	.....	.....	Gulf of Mex.
272	<i>V. rugosa</i> Gmelin .....	.....	.....	.....	$\frac{0}{85}$	Hatteras
273	var. <i>rugatina</i> Heilprin .....	.....	.....	.....	$\frac{24}{4}$	Tampa
274	<i>V. pilula</i> Reeve .....	.....	.....	.....	$\frac{76}{300}$	Gulf of Mex.
275	<i>V. cribraria</i> Conrad .....	.....	.....	.....	$\frac{124}{124}$	Hatteras
276	<i>V. cancellata</i> Linné .....	.....	.....	.....	.....	Hatteras
277	<i>V. Beau</i> Recluz .....	.....	.....	.....	.....	Key West ...
278	<i>V. Lamarckii</i> Gray .....	.....	.....	.....	$\frac{15}{127}$	Hatteras
279	<i>V. granulata</i> Gmelin .....	.....	.....	.....	.....	Tortugas
280	<i>V. pygmæa</i> Lamarck .....	.....	.....	.....	.....	Hatteras
281	<i>V. varicosa</i> Sowerby .....	.....	.....	.....	$\frac{14}{124}$	Hatteras
Subgenus <i>Anomalocardia</i> Schum.						
282	<i>A. rostrata</i> Sowerby .....	.....	.....	.....	.....	Jupiter Inlet

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	North or extreme range.
Genus GEMMA Deshayes.						
283	<i>G. purpurea</i> H. C. Lea	56	11	.....	.....	Labrador
284	var. <i>manhattanensis</i> Prime ..	.....	.....	.....	.....	Cape Cod
Genus CYTHEREA Lamarck.						
285	<i>C. Simpsoni</i> Dall .....	.....	.....	.....	.....	Tampa
286	<i>C. convexa</i> Say	56 64	15 142a	50.0	$\frac{2}{63}$	Pr. Edw. Isl .
287	<i>C. albida</i> Gmelin .....	.....	.....	.....	$\frac{2}{6}$	Florida Str ..
288	<i>C. ?obovata</i> Conrad .....	.....	.....	.....	$\frac{1.8}{176}$	C. Lookout ..
289	<i>C. hebraea</i> Lamarck .....	.....	.....	.....	$\frac{0}{85}$	Hatteras
290	<i>C. ———</i> .....	.....	.....	.....	$\frac{2.5}{111}$	Hatteras
291	<i>C. ?idonea</i> Conrad .....	.....	.....	.....	.....	Texas
Subgenus Callista Mörch.						
292	<i>C. maculata</i> Linné .....	.....	.....	.....	$\frac{0}{28}$	Hatteras
293	<i>C. gigantea</i> Gmelin .....	.....	.....	.....	.....	Hatteras
Subgenus Transennella Dall.						
294	<i>T. Conradina</i> Dall .....	.....	.....	.....	$\frac{0}{31}$	Hatteras
295	<i>T. cubaniana</i> Orbigny .....	.....	.....	.....	$\frac{0}{8}$	Cape Florida
Subgenus Dione Gray.						
296	<i>D. Dione</i> Linné .....	.....	.....	.....	.....	Gulf of Mex .
Subgenus Tivela Link.						
297	<i>T. mactroides</i> Born .....	.....	.....	.....	.....	Florida Keys?
Subgenus Veneriglossa Dall.						
298	<i>V. vesica</i> Dall .....	.....	.....	22.0	$\frac{84}{175}$	Florida Str ..
Genus DOSINIA Scopoli.						
299	<i>D. discus</i> Reeve .....	.....	.....	.....	.....	Virginia
300	<i>D. elegans</i> Conrad .....	.....	.....	.....	.....	Hatteras
Genus LUCINOPSIS F. & H.						
301	<i>L. tenuis</i> Recluz .....	.....	.....	.....	$\frac{0}{8}$	Hatteras
Family CORBICULIDÆ.						
Genus CYRENA Lamarck.						
Section LEPTOSIPHON, Fischer.						
302	<i>C. carolinensis</i> Bosc .....	.....	.....	.....	.....	Georgia

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*										N. Carolina..	
*	*	*										N. Carolina..	
					*	*		*				Martinique ..	Pliocene.
*	*	*†				*						Tampa	
					*			*				N. Grenada ..	
		*				*†		†				Grenada	
		†			†	*		†*	*			Barbados....	
		*			†	†						Gulf of Mex .	
							*					Gulf of Mex .	
			*	*	*	*	*	*				Guadalupe ..	
		*			*	*	*	*				Cuba?	
		*			*	*						Key West ...	
					*			*				Santa Cruz..	
					*		*	*				Aspinwall...	
		?			*			*				Carthagenas .	
					†			†				Barbados....	
	*	*	*	*		*	*					Vera Cruz...	
		*	*	*	*	*	*	*				Aspinwall...	
		*			*	*		*				Trinidad	
			*		*	*	*	*				Cuba.....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Section EGETA, H. & A. Adams.					
303	C. floridana Conrad					Tampa
	Suborder TELLINACEA.					
	Family PETRICOLIDÆ.					
	Genus PETRICOLA Lamarck.					
304	P. pholadiformis Lamarck	59 64	15 140a			Pr. Edw. Isl.
305	var. dactylus Lamarck					Maine
306	P.				Coral	Florida Keys.
	Subgenus Choristodon Jouas.					
307	C. robusta Sowerby					Cape Florida
308	C. ? cancellata Verrill			8.0	70	Chesapeake ..
	Subgenus Naranaio Gray.					
309	N. lapicida Gmelin				$\frac{0}{68}$	Florida Keys.
	Genus CORALLIOPHAGA Blainv.					
310	C. carditoidea Blainville				$\frac{0}{30}$	Cedar Keys..
	Family DONACIDÆ.					
	Genus DONAX Linné.					
311	D. denticulatus Linné					Texas
312	D. variabilis Say					Hatteras
313	D. fossor Say			12.5		New Jersey..
314	D. obesa Orbigny					St. Augustine
	Genus IPHIGENIA Schum.					
315	I. braziliiana Lamarck.					Indian River.
	Genus HETERODONAX Mörch.					
316	H. bimaiculata Linné					Fernandina ..
	Family PSAMMOBIIDÆ.					
	Genus PSAMMOBIA Lamarck.					
317	P. vaginatus Reeve			30.0		Charlotte H. .
	Genus TAGELUS Gray.					
318	T. gibbus Spengler	55 56	3 3	80.0 35.0		Cape Cod ...
319	T. divisus Spengler					Cape Cod ...
	Genus SOLETELLINA Blainv.					
320	S. rufescens Chemnitz					Gulf of Mex.

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	V. I.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
						*							
*	*	*	*	*	*		*	*				St. Thomas..	Pliocene.
*		*										S. Carolina..	Pliocene.
					*								
		*			*	*		*				Guadalupe ..	
*	*												
					* †			*				Martinique..	
						*	*	*	*			St. Thomas..	
					*	*	*	*				Rio Janeiro ..	
		*	*	*	*	*	*	*				St. Thomas..	
*	*	*	*	*	*	*	*					Florida Keys.	
			*				*					Texas	
				*	*	*	*	*				Brazil	
			*	*	*	*		*	*		*	Trinidad	
						† *							
*	*	*	*	*		*	*	*		*	?	Trinidad	Miocene.
*	*	*	*		*	*		*				Guadalupe ..	Pliocene.
							*	*			*	Aspinwall...	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus SANGUINOLARIA Lamarck.					
321	<i>S. rosea</i> Lamarck					Gulf of Mex.
	Genus ASAPHIS Modeer.					
322	<i>A. deflorata</i> Linné					Charlotte H.
	Family TELLINIDÆ.					
	Genus TELLINA Linné.					
323	<i>T. magna</i> Spengler					Hatteras
324	<i>T. radiata</i> Linné					Cedar Keys..
325	<i>T. lævigata</i> Linné					Tampa
326	<i>T. fausta</i> Solander					Hatteras
327	<i>T. alternata</i> Say					Hatteras
328	<i>T. striata</i> Hanley					Florida Keys.
329	<i>T. nitida</i> Lamarck					
330	var. <i>carolinensis</i> Dall.				$\frac{2}{50}$	Hatteras
331	<i>T. interrupta</i> Wood					C. Lookout..
332	<i>T. lineata</i> Turton					St. Augustine
333	<i>T. squamifera</i> Deshayes				$\frac{2\frac{2}{3}}{80}$	Hatteras
334	<i>T. sybaritica</i> Dall.	6	11	7.0	$\frac{2.0}{640}$	Gulf of Mex.
335	<i>T. tenella</i> Verrill	56	12		$\frac{1}{10}$	Cape Cod ...
336	<i>T. tenera</i> Say	{ 55 56	{ 1 13}	8.0	$\frac{0}{80}$	Gaspé
337	<i>T. versicolor</i> Cozzens				$\frac{1\frac{1}{2}}{50}$	New York...
338	<i>T. polita</i> Say					N. Carolina..
339	<i>T. modesta</i> Verrill					Hatteras
340	<i>T. decora</i> Say				$\frac{2}{8}$	Bermuda
341	<i>T. iris</i> Say					N. Carolina..
342	<i>T. mera</i> Say					Tampa
343	<i>T. cuneata</i> Orbigny					Tampa
344	<i>T. ———</i>					Key West ...
345	<i>T. lintea</i> Conrad				$\frac{0}{30}$	Hatteras
346	<i>T. Gouldii</i> Hanley				$\frac{2}{30}$	Hatteras
	Genus MACOMA Leach.					
347	<i>M. constricta</i> Brugnière					Hatteras
348	<i>M. brevifrons</i> Say					S. Carolina..
349	<i>M. tenta</i> Say	56	10		$\frac{2}{87}$	Cape Cod ...
350	var. <i>Souleyetiana</i> Recluz					St. Augustine
351	<i>M. limula</i> Dall.			17.0	$\frac{2.5}{100}$	C. Lookout ..
352	<i>M. ———</i>			13.5	32	Cedar Keys..
353	<i>M. baltica</i> Linné	56	6			Arctic Sea...
354	<i>M. cerina</i> C. B. Adams					Shark R., Fla.
355	<i>M. tampaensis</i> Conrad					St. Andr's B.

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
						*	*	*	*		*	Trinidad	
					*	*		*				Brazil.....	
		*			*	*		*	*			St. Thomas ..	
					*	*		*	*			Guadalupe ..	
						*		*	*			Guadalupe ..	
		*		*	*			*				Trinidad	
		*	*	*	*	*	*	*				Haiti	Pliocene.
					*			*				N. Grenada ..	
										*		Medit'anean	
		*†				*		*				St. Thomas ..	
		*			*	*		*	*		*	Brazil.....	
			*	*	*	*		*				Brazil.....	
		*†			*	*		*†				Sombrero ...	
						*		†				Brazil.....	
						*						Tampa.....	
*	*	*	*		*	*		*†				Barbados....	Pliocene.
		*	*			*		*†				Barbados....	
		*	*	*		*						Sarasota ...	
		*			*	*	*		*			Yucatan ...	
					*	*		*	*			Aspinwall..	
		*	*	*		*		*				Guadalupe ..	
					*	*		*				St. Thomas ..	
						*		*				Guadalupe ..	
					*			*	*			Curaçoa....	
		*				*		*				Jamaica ...	
		*		*	*			*				Yucatan	
		*		*		*	*	*				Trinidad	
		*	*		*	*	*	*				R. La Plata..	
*	*	*	*		*	*		*				Haiti.....	
					*	*		*				Guadalupe ..	
		*				*		*				Barbados....	
						*							
*	*	*	*									Georgia	Pliocene.
					*	*		*				Jamaica ...	
						*						Charlotte H.	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus TELLIDORA Mörch.					
356	<i>T. cristata</i> Recluz					N. Carolina
	Genus STRIGILLA Turton.					
357	<i>S. carnaria</i> Linné					Hatteras
358	<i>S. pisiformis</i> Linné					Key West
359	<i>S. flexuosa</i> Say				$\frac{0}{30}$	Hatteras
	Genus LUTRICOLA Blainville.					
360	<i>L. interstriata</i> Say					Florida Keys
	Genus GASTRANELLA Verrill.					
361	<i>G. tumida</i> Verrill	59	8	4.0	$\frac{1}{22}$	Connecticut
	Family SEMELIDÆ.					
	Genus ABRA (Leach) Risso.					
362	<i>A. longicallus</i> Scacchi				$\frac{50}{1407}$	Arctic Sea
363	<i>A. æqualis</i> Say					Connecticut?
364	<i>A. lioica</i> Dall	4	8	8.1	$\frac{14}{860}$	Rhode Island
	Genus CUMINGIA Sowerby.					
365	<i>C. tellinoides</i> Conrad	56	14	18.0	$\frac{0}{30}$	Cape Cod
	Genus ERVILIA Turton.					
366	<i>E. nitens</i> Montagu					Tortugas
367	<i>E. concentrica</i> Gould				$\frac{0}{124}$	Hatteras
	Genus SEMELE Schumacher.					
368	<i>S. reticulata</i> Gmelin					Virginia
369	<i>S. obliqua</i> Wood					Cape Fear
370	<i>S. cancellata</i> Orbigny					Hatteras
371	<i>S. nuculoides</i> Conrad				$\frac{2}{124}$	Hatteras
	Family GNATHODONTIDÆ.					
	Genus GNATHODON Gray.					
372	<i>G. cuneata</i> Conrad					Gulf of Mex.
373	<i>G. rostrata</i> Petit					Gulf of Mex.
	Suborder MACTRACEA.					
	Family MACTRIDÆ.					
374	<i>M. solidissima</i> Dillwyn	57	2	150.0		Labrador
375	var. <i>similis</i> Say					Hatteras
376	<i>M. brasilianna</i> Lamarek					Hatteras
377	<i>M. lateralis</i> Say	69	8			N. Brunswick

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	*	---	---	*	*	---	*	---	---	---	Trinidad	Pliocene.
---	---	*	---	---	*	---	---	*	---	---	?	Trinidad	Pliocene.
---	---	---	---	---	*	---	---	*	---	---	---	Guadalupe ..	
---	---	*	*	---	*	*	---	*	---	---	---	Haiti	P. Pliocene.
---	---	---	---	---	*	*	---	*	*	---	---	Guadalupe ..	
---	---	*	---	---	---	---	---	---	---	---	?	C. Lookout..	
†	†	---	---	---	†	†	---	†	---	†	---	Grenada	Pliocene.
---	---	*	*	*	---	*	*	---	---	---	---	Gulf of Mex.	Miocene.
---	---	†*	---	---	†*	*	---	*†	---	---	---	Martinique..	
*	*	*	---	---	*	*	---	*	---	---	---	Guadalupe ..	Miocene.
---	---	---	---	---	*	---	---	*	---	---	---	Guadalupe ..	Pliocene.
---	---	†*	*	---	*	---	---	*	---	---	---	Key West ...	
---	*	*	---	---	*	*	*	*	*	---	---	Guadalupe ..	
---	---	*	---	---	*	*	---	*	---	---	---	Trinidad	
---	---	*†	---	---	*	*	---	*	*	---	---	Martinique ..	Pliocene.
---	---	*†	---	---	---	*	---	---	---	---	---	Tampa	Miocene.
---	---	---	---	---	---	*	*	---	---	---	---	W. Florida ..	Pliocen .
---	---	---	---	---	---	---	*	---	---	---	---	Texas	
*	---	*	---	---	---	---	---	---	---	---	---	Hatteras	Miocene.
---	---	*	*	*	*	*	*	* *	---	---	---	St. Thomas..	Pliocene.
---	---	*	*	*	*	*	*	*	---	---	---	Brazil	Pliocene.
*	†	*	*	*	*	*	*	---	---	---	---	Florida Str..	Miocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus LABIOSA Schmidt.					
378	<i>L. lineata</i> Say .....	.....	.....	.....	.....	New Jersey..
379	<i>L. canaliculata</i> Say .....	.....	.....	.....	.....	New Jersey..
	Order ANOMALODESMACEA.					
	Suborder ANATINACEA.					
	Family ANATINIDÆ.					
	Genus THRACIA Blainv.					
380	<i>T. Conradi</i> Couthouy.....	69	9	.....	1 ³ / ₈	Labrador....
381	<i>T. Stimpsoni</i> Dall.....	.....	.....	65.0	28	.....
382	<i>T. corbuloidea</i> Blainville.....	.....	.....	.....	1 ⁴ / ₁₀	Hatteras
383	<i>T. distorta</i> Montagu.....	.....	.....	.....	.....	Gulf of Mex..
384	<i>T. phaseolina</i> Lamarek.....	.....	.....	.....	.....	Britain.....
	Genus ASTHENOTHÆRUS Cpr.					
385	<i>A. Hemphillii</i> Dall .....	.....	.....	6.25	1 ² / ₇	Gulf of Mex..
	Subgenus Bushia Dall.					
386	<i>B. elegans</i> Dall	39	1	12.5	4 ⁶ / ₈	Florida Str..
	Genus PERIPLOMA Schum.					
387	<i>P. inæquivalvis</i> Schumacher.....	.....	.....	.....	.....	Texas?.....
388	<i>P. angulifera</i> Philippi.....	.....	.....	.....	.....	Gulf of Mex..
389	<i>P. tenera</i> Jeffreys .....	.....	.....	.....	.....	Hatteras
390	<i>P. fragilis</i> Totten	59	7	.....	1 ⁰ / ₁₀₀	Labrador....
391	<i>P. papyracea</i> [Say] Conrad .....	.....	.....	.....	.....	Gulf of Mex..
	Subgenus Cochloidesma Couthouy.					
392	<i>C. Leanum</i> Conrad	59	6	32.5	.....	Nova Scotia.
	Family LYONSIIDÆ.					
	Genus LYONSLA Turton.					
393	<i>L. hyalina</i> Conrad	59	11	.....	0 ⁰ / ₃₀	Nova Scotia.
394	<i>L. floridana</i> Conrad .....	.....	.....	.....	2 ⁰ / ₈	Gulf of Mex..
395	<i>L. Beana</i> Orbigny.....	.....	.....	.....	0 ⁰ / ₃₀	Hatteras
396	<i>L. formosa</i> Jeffreys.....	.....	.....	10.0	2 ⁰⁰ / ₁₀₀	N. Atlantic ..
397	<i>L. ? arata</i> Verrill	{ 45 65	{ 4, 5, 6 133-41	.....	1 ¹ / ₁₄	Rhode Island
	Genus LYONSIELLA M. Sars.					
398	<i>L. insculpta</i> Jeffreys.....	45	7, 8	.....	.....	Norway
399	<i>L. abyssicola</i> Sars.....	.....	.....	.....	.....	Norway

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
*	..	*	..	*	*	*	*	Cuba.....	P. Pliocene.
*	*	*	*	*	*	*	*	Gulf of Mex ..	
*	..	*	Hatteras	P. Pliocene.
....	*	Tortugas	
....	*†	*	*	Key West ...	
....	*	*	*	*	Honduras ...	
....	*	†	†	*	Yucatan.....	
....	*	*	Marco, Fla ..	
....	†	†	Barbados....	Pliocene.
....	?	*	Trinidad	
....	*	*	*	Honduras ...	
*	†	†	†	†	Florida Keys	
....	†	Santa Cruz..	
....	*?	
*	..	*	Hatteras	Miocene.
*	..	*	*	*	Texas	
....	*	*	*	Nicaragna...	
....	*	*	*	?	Guadalupe ..	
....	†	†	†	Campeche ...	
?	
†	*	Rhode Isl'd ?.	Rhode Island
†	*	Rhode Island	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family VERTICORDIIDÆ.						
Genus VERTICORDIA Wood.						
400	<i>V. acuticostata</i> Philippi.....	.....	.....	.....	71 600	N. Atlantic ..
401	<i>V. flexuosa</i> Verrill.....	65	132	.....	75 662	N. Atlantic ..
402	<i>V. Woodii</i> Smith.....	.....	.....	.....	100 600	Gulf of Mex.
403	<i>V. granulifera</i> Verrill.....	.....	.....	8.0	1423	Chesapeake ..
404	<i>V. Seguenzæ</i> Dall.....	.....	.....	5.0	134 646	Hatteras
405	<i>V. perversa</i> Dall.....	39	4	5.0	731	Cape Fear...
Subgenus Trigonulina Orbigny.						
406	<i>T. ornata</i> Orbigny.....	{ 45 65	9, 9a 131	4.0	637	Rhode Island
Section EUCIROA Dall.						
407	<i>T. elegantissima</i> Dall.....	{ 2 39	1a-b 7	13.25 40.0	{ 292 186	C. Canaveral.
Subgenus Haliris Dall.						
408	<i>H. Fischeriana</i> Dall.....	2	4a-b	10.0	84 229	N. Atlantic..
409	<i>H. trapezoidea</i> Seguenza.....	.....	.....	.....	66 162	N. Atlantic..
Family CUSPIDARIIDÆ.						
Genus CUSPIDARIA Nardo.						
Subgenus Cuspidaria s. s.						
410	<i>C. glacialis</i> Sars.....	.....	.....	.....	144 47	Norway
411	<i>C. rostrata</i> Spengler.....	.....	.....	.....	183 39	Arctic Sea...
412	<i>C. microrhina</i> Dall.....	40	2, 3	45.0	204	C. Canaveral.
413	<i>C. Jeffreysi</i> Dall.....	3	2	15.0	132	Florida Str..
414	<i>C. obesa</i> Loven.....	3	1	13.0	129 6	Arctic Sea...
415	<i>C. ? arcuata</i> Dall.....	3	3, 4	12.5	640	Gulf of Mex. .
416	<i>C. lamellosa</i> M. Sars.....	45	3	7.3	50 52	Norway
Subgenus Cardiomya A. Adams.						
417	<i>C. perrostrata</i> Dall.....	2	3a-b	8.0	84 16	Tortugas
418	<i>C. costellata</i> Deshayes.....	.....	.....	.....	205	Hatteras
419	var. <i>corpulenta</i> Dall.....	3	9	14.0	229	Florida Str..
420	<i>C. ornatisissima</i> Orbigny.....	41	21	9.5	124	Hatteras
421	<i>C. striata</i> Jeffreys.....	{ 3 65	10 129	19.0	145 6	Arctic Sea...
Subgenus Liomya A. Adams.						
Section PLECTODON Cpr.						
422	<i>L. granulata</i> Dall.....	3	8	18.0	54 118	Cape Florida.
423	var. <i>velvetina</i> Dall.....	.....	.....	11.0	54 118	.....

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	†	†	†	†	†	†	Barbados....	Pliocene.
†	†	Rhode Isl'd..	
.....	†	†	Brazil.....	
.....	†	††	
.....	..	†	†	†	Yucatan....	
.....	..	†	
.....	..	†*	*	†	*	Barbados....	
.....	†	†	†	†	Cuba	
.....	..	†	†	†	†	†	Barbados....	Pliocene.
.....	..	†	†	†	Fernandina .	
†	†	†	†*	Gulf of Mex .	
.....	†	†	†	†	†	Barbados....	
.....	†	†	†	St. Vincent..	
†	†	†	†	†*	Barbados....	
.....	†	†	Yucatan	
†	†*	Rhode Id	Pliocene.
.....	†	†	†	Grenada	
.....	..	*†	..	†	†*	†	*	*	St. Thomas..	
.....	†	†	St. Vincent..	
.....	†*	*	Guadalupe ..	
.....	..	†	..	†	†	†	†	Florida Str..	
.....	†	†	Barbados....	
.....	†	†	Barbados....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Section RHINOCLAMA D. & S.						
424	L. halimera Dall.....			10.0	731	Cape Fear...
Subgenus Halonympha D. & S.						
425	H. claviculata Dall.....	2	2, 2a	12.0	$\frac{1}{3} \frac{99}{39}$	N. Atlantic ..
Genus MYONERA Dall and Smith.						
426	M. paucistriata Dall.....			10.0	$\frac{1}{8} \frac{93}{80}$	Cape Clear..
427	M. undata Verrill.....				$\frac{4}{2} \frac{90}{21}$	Chesapeake ..
428	M. lamellifera Dall.....	3	7	12.5	$\frac{8}{2} \frac{4}{50}$	Cedar Keys..
429	M. limatula Dall.....	3	5	11.2	539	Florida Str..
Family POROMYIDÆ.						
Genus POROMYA Forbes.						
430	P. granulata Nyst.....				$\frac{1}{3} \frac{50}{50}$	Norway
431	var. rotundata Jeffreys.....				$\frac{5}{1} \frac{0}{30}$	N. Atlantic ..
432	P. nearoides Seguenza.....				$\frac{1}{2} \frac{80}{80}$	N. Atlantic ..
433	P. sublevis Verrill.....	65	128		$\frac{1}{16} \frac{2}{35}$	Chesapeake ..
Section CETOMYA Dall.						
434	P. elongata Dall.....	39	3	22.5	$\frac{1}{9} \frac{99}{99}$	Gulf of Mex ..
435	P. tornata Jeffreys.....				$\frac{1}{1} \frac{40}{33}$	N. Atlantic ..
436	P. albida Dall.....			21.5	$\frac{9}{7} \frac{8}{31}$	Cape Fear...
Genus CETOCONCHA Dall.						
437	C. bulla Dall.....	65 39	130 2, 5	13.0	$\frac{1}{9} \frac{17}{20}$	Chesapeake ..
438	C. margarita Dall.....					
		8	10	7.3	$\frac{3}{10} \frac{91}{19}$	Florida Keys.
Family PANDORIDÆ.						
Genus PANDORA Hwass.						
Subgenus Clidiophora Cpr.						
439	C. trilineata Say.....				$\frac{6}{1} \frac{8}{8}$	C. Hatteras ..
440	C. Gouldiana Dall.....	59	14	25.0	$\frac{0}{3} \frac{0}{0}$	Nova Scotia ..
441	C. carolinensis Bush.....	8	8, 8a	14.2	$\frac{1}{12} \frac{5}{4}$	Hatteras
Subgenus Kennerlia Cpr.						
442	K. glacialis Leach.....				$\frac{3}{12} \frac{0}{0}$	Arctic Sea...
443	K. Bushiana Dall.....			11.5	$\frac{0}{4}$	Tampa

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
----	--	†	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
----	--		--	-----	†	-----	-----	†	†	-----	-----	Barbados	-----
----	--	†	--	-----	†	-----	-----	†	-----	-----	-----	Tobago	-----
----	†	-----	--	-----	†	-----	-----	†	-----	-----	-----	St. Vincent	-----
----	--	-----	--	-----	†	†	-----	†	-----	-----	-----	Jamaica	-----
----	+	-----	--	-----	†	-----	-----	†	-----	-----	-----	Cuba	-----
----	--	†	--	-----	†	-----	-----	†	-----	†*	-----	Barbados	Miocene.
----	--	†	†	-----	-----	-----	-----	†	-----	†	-----	Barbados	
----	--	-----	--	†	-----	-----	-----	†	-----	-----	-----	Barbados	
----	†	-----	--	-----	-----	-----	-----	-----	-----	-----	†	Patagonia	
----	--	-----	--	-----	†	-----	-----	†	-----	-----	-----	Barbados	-----
----	--	-----	†	-----	-----	-----	-----	†	-----	-----	-----	Grenada	-----
----	--	†	--	-----	†	-----	-----	†	-----	-----	-----	Cuba	-----
----	†	-----	--	-----	†	†	-----	-----	-----	-----	-----	Gulf of Mex	-----
----	--	-----	--	-----	†	-----	-----	†	-----	-----	-----	Brazil	-----
----	--	*	--	-----	-----	*	*	-----	-----	-----	-----	Gulf of Mex	Pliocene.
*	--	†*	--	-----	-----	-----	-----	-----	-----	-----	-----	N. Carolina?	
----	--	*†	--	-----	-----	*	†	†	-----	-----	-----	Yucatan	
----	--	†	--	-----	†	-----	-----	-----	-----	*	*	Florida Str	-----
----	--	-----	--	-----	-----	*	-----	-----	-----	-----	-----	Charlotte H	-----

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.	
Suborder MYACEA.							
Family CORBULIDÆ.							
Genus PARAMYA Conrad.							
444	P. subovata Conrad.....	-----	-----	-----	$\frac{1}{3}\frac{2}{1}$	Hatteras	
Genus BASTEROTIA Mayer.							
445	B. quadrata Hinds	1	2a-b	10.0	$\frac{6}{6}\frac{0}{0}$	C. Lookout ..	
Genus CORBULA Bruguière.							
446	C. disparilis Orbigny.....	1	4a-b	-----	$\frac{5}{8}\frac{0}{0}$	Hatteras	
447	C. Krebsiana C. B. Adams.....	1	1a-b	6.1	$\frac{3}{8}\frac{0}{0}$	Cape Florida.	
448	C. contracta Say	59	6a-b } 10 }	12.0	$\frac{3}{6}\frac{0}{0}$	Cape Cod ..	
449	C. Dietziana C. B. Adams		1	5a-b	10.7	$\frac{1}{1}\frac{4}{0}\frac{0}{0}$	Hatteras
450	C. Barrattiana C. R. Adams	2	7a,b,c	8.9	$\frac{2}{2}\frac{2}{7}$	Hatteras	
451	C. Cubaniana Orbigny	1	3a,b,c	12.7	$\frac{1}{1}\frac{0}{0}\frac{0}{0}$	Fla. Strait ..	
452	C. Swiftiana C. B. Adams	2	5a,b,c	10.4	$\frac{4}{4}\frac{7}{0}\frac{0}{0}$	Hatteras	
453	C. cymella Dall.....	1	7, 7a	13.5	$\frac{6}{8}\frac{0}{0}$	C. Florida...	
454	C. nasuta Say.....	2	{ 6a, b, } c, d }	8.5	$\frac{6}{6}\frac{4}{3}$	Hatteras	
Family MYIDÆ.							
Genus MYA Linné.							
455	M. arenaria Linné.....	{ 49 55 69 }	9 } 2 } 2 }	75.0	$\frac{0}{4}\frac{0}{0}$	Arctic Sea...	
Family SAXICAVIDÆ.							
Genus SAXICAVA F. de B.							
456	S. arctica Linné.....	59	13	30.0	$\frac{1}{1}\frac{0}{0}\frac{0}{0}$	Arctic Sea...	
457	S. azaria Dall.....	4	9a-b	25.0	-----	Charlotte H.	
Genus GLYCIMERIS Lamarck.							
458	G. reflexa Say.....	-----	-----	-----	-----	Hatteras	
Suborder SOLENACEA.							
Family SOLENIDÆ.							
Genus SOLECURTUS Blainville.							
Subgenus Macha Oken.							
459	M. sanctæ-marthæ Orbigny.....	-----	-----	30.0	$\frac{1}{2}\frac{5}{2}$	Hatteras	
460	M. Cumingiana Dunker	-----	-----	60.0	$\frac{1}{1}\frac{4}{1}$	Hatteras	
Genus SILIQUA Megerle.							
461	S. costata Say	{ 65 53 }	128a } 3 }	-----	-----	Nova Scotia ..	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus SOLEN Linné.						
Subgenus Ensis Schumacher.						
462	<i>E. americana</i> Gould	53 55	4 4, 5	}	..... $\frac{0}{25}$	Labrador...
463	<i>E. viridis</i> Say					Rhode Island
Suborder ENSIPHONACEA.						
Family GASTROCHÆNIDÆ.						
Genus GASTROCHÆNA Spengler.						
464	<i>G. ovata</i> Sowerby .....	.....	.....	30.0	$\frac{0}{27}$	Charleston ..
435	<i>G. cuneiformis</i> Spengler .....	.....	.....	25.0	$\frac{0}{25}$	Cape Fear...
466	<i>G. Stimpsonii</i> Tryon .....	.....	.....	16.0	.....	Beaufort
Subgenus Spengleria Tryon.						
467	<i>S. rostrata</i> Spengler .....	.....	.....	.....	.....	W. Florida ..
Suborder ADESMACEA.						
Family PHOLADIDÆ.						
Genus PHOLAS Linné.						
468	<i>P. Campechiensis</i> Gmelin .....	.....	.....	.....	.....	Hatteras
Subgenus Barnea Leach.						
469	<i>B. costata</i> Linné	68	9	.....	.....	Cape Cod....
470	<i>B. maritima</i> Orbigny .....	.....	.....	.....	.....	Texas
471	<i>B. truncata</i> Say	59	12	.....	.....	Nahant
Genus ZIRPHÆA Leach.						
472	<i>Z. crispata</i> Linné	68	10	.....	$\frac{0}{10}$	Arctic Sea...
473	<i>Z. semicostata</i> Lea ? .....	.....	.....	.....	$\frac{0}{18}$	Cape Fear...
Genus XYLOPHAGA Turton.						
474	<i>X. abyssorum</i> Dall	9	7, 7a	4.0	$\frac{226}{10000}$	N. Atlantic ..
475	<i>X. dorsalis</i> Turton .....	.....	.....	.....	$\frac{32}{2033}$	N. Atlantic ..
Genus MARTESIA Leach.						
476	<i>M. cuneiformis</i> Say .....	.....	.....	.....	$\frac{0}{12}$	Connecticut.
477	<i>M. striata</i> Linné .....	.....	.....	.....	.....	Britain
478	<i>M. corticaria</i> Adams .....	.....	.....	.....	.....	Charlotte H.
Section DIPLOTHYRA Tryon.						
479	<i>M. Smithii</i> Tryon .....	.....	.....	.....	.....	Staten Island

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*	*	*	*	*	---	---	---	---	---	Florida Keys	
*	*	*	*	---	---	*	---	---	---	---	---	Sarasota	---
---	---	*	---	---	*	*	---	*	---	---	*	St. Thomas ..	
---	---	*	---	---	*	*	---	*	*	---	---	Guadalupe ..	
---	---	*	---	---	---	---	---	---	---	---	---	---	
---	---	---	---	---	*	*	---	*	---	---	---	St. Thomas ..	
---	---	*	*	*	*	*	*	*	---	---	---	Cent. America	Pliocene.
*	*	*	*	*	*	*	*	*	---	*	---	S. America...	Pliocene.
---	---	---	---	---	---	*	*	*	---	---	---	---	
*	*	*	---	---	*	*	---	---	---	---	*	---	
*	---	*	---	---	---	---	---	---	---	*	*	S. Carolina ?.	Pliocene.
---	---	*	---	---	---	---	---	---	---	---	---	S. Carolina ..	
†	---	---	---	---	---	---	---	†	---	---	---	St. Lucia....	
†	---	---	---	---	---	---	---	---	---	†*	---	Delaware ?..	
?	*	*	*	*	*	*	*	*	---	---	---	Trinidad	---
---	---	---	---	---	*	*	*	*	*	*	?	N. Grenada..	
---	---	---	---	---	*	*	---	*	---	---	---	Guadalupe ..	
*	*	*	---	---	---	*	---	---	---	---	---	Manatee R...	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family TEREDIDÆ.						
Genus TEREDO Linné.						
480	<i>T. norvegica</i> Spengler.....	68	2	.....	.....	New York...
481	<i>T. navalis</i> Linné.....	55 59 59 65	6	}	.....	Arctic Sea...
482	<i>T. megotara</i> Hanley		2		.....	Arctic Sea...
			3		.....	Arctic Sea...
483	<i>T. Thomsoni</i> Tryon	59	4	.....	.....	Cape Cod ...
484	<i>T. dilatata</i> Stimpson.....	68	1	.....	.....	Cape Ann...
Subgenus Lyrodes Gould.						
485	<i>L. chlorotica</i> Gould.....	68	3	.....	.....	Mass. Bay ...
Genus XYLOTRYA Leach.						
486	<i>X. fimbriata</i> Jeffreys.....	59	1	.....	.....	Rhode Island
487	<i>X. bipinnata</i> Jeffreys.....	.....	.....	.....	.....	N. Atlantic..

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber- mu- da.	Eur.	West Am.	Southern extreme range.	Range in time
*	*	*	Manatee	P. Pliocene.
*	*	*	*	Florida	
*†	*	*	*	S. Carolina ..	
*	*	*	?	
..	*	*	S. Carolina ?	
*	*	Gulf of Mex.	
*	*	*	*	*	*	*	*	*	Gulf of Mex.	
---	*	*	*	St. Vincent..	

TABLE III. C.—*List of Scaphopoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range
Class SCAPHOPODA.						
Order SOLENOCONCHIA.						
Family DENTALIIDÆ.						
Genus DENTALIUM Linné.						
1	<i>D. agile</i> Sars				400	Norway
2	<i>D. perlongum</i> Dall	27	6	80.0	$\frac{227}{1791}$	Hatteras
3	<i>D. filum</i> Sowerby				$\frac{17}{1093}$	Scotland
4	<i>D. callipeplum</i> Dall	27	12b	61.5	$\frac{16}{175}$	S. Carolina ..
5	<i>D. matara</i> Dall			41.0	$\frac{16}{111}$	C. Lookout ..
6	<i>D. leptum</i> Bush	41	18a	31.5	$\frac{32}{1368}$	Hatteras
7	<i>D. antillarum</i> Orbigny				$\frac{17}{1368}$	Nova Scotia..
8	<i>D. calamus</i> Dall			19.5	4	Turtle Harb ..
9	<i>D. taphrium</i> Dall			17.0	$\frac{32}{182}$	Hatteras
10	<i>D. candidum</i> Jeffreys	46	16, 17	90.0	$\frac{410}{1780}$	N. Atlantic ..
11	<i>D. sericatum</i> Dall	26	1	13.0	640	Gulf of Mex.
12	<i>D. carduus</i> Dall	27	3	87.0	$\frac{116}{338}$	Florida Str..
13	<i>D. disparile</i> Orbigny				$\frac{3}{100}$	Tampa
14	<i>D. ceratum</i> Dall	{ 26 27	{ 5 2}	30.0	$\frac{50}{1097}$	Gulf of Mex.
15	<i>D. Gouldii</i> Dall	26	4	28.0	$\frac{12}{140}$	S. Carolina ..
16	<i>D. platamodes</i> Watson				$\frac{330}{1568}$	Florida Str..
17	<i>D. ceras</i> Watson				$\frac{109}{1568}$	Gulf of Mex.
18	<i>D. capillosum</i> Jeffreys				$\frac{119}{1560}$	N. Atlantic ..
19	<i>D. laqueatum</i> Verrill	{ 27 46	{ 1 18}	45.0	$\frac{60}{200}$	Chesapeake ..
20	<i>D. compressum</i> Watson				$\frac{111}{800}$	Cedar Keys..
21	<i>D. ophiodon</i> Dall	26	9	12.5	$\frac{100}{310}$	Gulf of Mex.
22	<i>D. callithrix</i> Dall	27	10	43.0	$\frac{61}{1591}$	Cape Fear...
23	<i>D. ensiculus</i> Jeffreys	27	12	20.0	$\frac{390}{1785}$	N. Atlantic ..
24	<i>D. teres</i> Jeffreys			9.0	$\frac{843}{1290}$	N. Atlantic ..
Genus CADULUS Philippi.						
25	<i>C. quadridentatus</i> Dall	27	5	10.0	$\frac{7}{30}$	Hatteras
26	var. ? <i>incisus</i> Bush	41	20	8.0	$\frac{7}{38}$	Hatteras
27	<i>C. cylindratus</i> Jeffreys			7.3	$\frac{652}{1608}$	N. Atlantic ..
28	<i>C. æqualis</i> Dall	27	9	15.0	339	Tortugas
29	<i>C. spectabilis</i> Verrill	46	19	22.0	$\frac{464}{1594}$	Rhode Island
30	<i>C. grandis</i> Verrill	46	20	15.0	$\frac{843}{1467}$	Nantucket ..
31	<i>C. poculum</i> Dall			13.2	$\frac{464}{840}$	Gulf of Mex.
32	<i>C. Watsoni</i> Dall	27	12a	13.0	$\frac{382}{1002}$	Gulf of Mex.
33	<i>C. Jeffreysi</i> Monterosato			5.0	$\frac{100}{843}$	N. Atlantic ..

TABLE III. C.—*List of Scaphopoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern. extreme range.	Range in time.
---	---	---	---	---	†	---	---	†	---	†	---	Florida Str..	Pliocene.
---	---	†	---	†	†	†	---	†	---	---	---	St. Vincent..	
---	---	†*	---	---	---	---	---	---	---	†	---	Cape Fear ..	
---	---	†	---	---	---	†	---	†	---	---	---	Grenada.....	
---	---	*	---	---	---	†*	---	*	---	---	---	Haiti	
---	---	*	---	---	*	*	---	---	---	---	---	C. Romano ..	
---	---	†	---	---	†	†	*	†	---	---	---	Barbados....	
---	---	---	---	---	*	---	---	---	---	---	---	Florida Str..	
---	---	*	---	---	†	*	---	†	---	---	---	Cuba.....	
†	†	†	---	---	---	---	---	---	---	---	---	Cape Fear..	
---	---	---	---	---	---	---	†	†	---	---	---	Yucatan.....	
---	---	---	---	†	---	---	*	†	---	---	---	Grenada	
---	---	---	---	---	*	*	---	*	---	---	---	Barbados....	
---	---	---	---	---	†	†	---	†	---	---	---	Barbados....	
---	---	*	---	---	†	---	---	*	---	---	---	Aspinwall...	
---	---	---	---	†	---	---	---	†	---	---	---	Culebra	
---	---	---	---	---	---	†	---	†	---	---	†	Martinique..	
---	---	---	---	---	†	---	---	†	---	---	---	Barbados....	
---	†	†	---	---	†	†	---	†	---	---	---	Grenada	
---	---	---	---	---	†	†	---	†	---	---	---	Culebra	
---	---	---	---	---	†	†	---	†	---	---	---	Barbados....	
---	---	†	---	---	†	†	---	†	---	---	---	Grenada.....	
†	†	---	†	---	†	---	---	†	---	†	---	Barbados....	
†	---	†	---	---	---	---	---	---	---	†	---	Hatteras	
---	---	*	*	---	---	*	---	---	---	---	---	West Florida	
---	---	*	---	---	---	---	---	---	---	---	---	---	
?	---	---	---	---	---	---	---	---	---	†	---	Rhode Island	
---	---	---	---	---	†	---	---	---	---	---	---	Florida Str..	
†	†	---	---	---	---	---	---	†	---	---	---	St. Vincent ..	
†	---	†	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	---	---	---	---	---	†	†	---	---	---	St. Vincent ..	
---	---	---	---	---	---	---	†	†	---	---	---	Old Provid'ce	
†	---	†	---	---	---	---	---	†	---	†	---	Barbados....	

TABLE III. C.—*List of Scaphopoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus CADULUS —Continued.					
34	<i>C. carolinensis</i> Bush	41	19	9.5	$\frac{15}{322}$	Hatteras
35	<i>C. Agassizii</i> Dall	27	12c	9.0	229	Florida Str..
36	<i>C. Pandionis</i> Verrill	64	126	.....	$\frac{17}{500}$	Rhode Island
37	<i>C. lunula</i> Dall	27	8	6.0	$\frac{18}{805}$	C. Lookout ..
38	<i>C. obesus</i> Watson .....	.....	.....	.....	$\frac{20}{390}$	Florida Str..
39	<i>C. amiantus</i> Dall	27	7	5.75	$\frac{8}{1003}$	Cape Florida
40	<i>C. cucurbita</i> Dall	27	12d	4.0	$\frac{24}{310}$	Fernandina .
41	<i>C. gracilis</i> Jeffreys .....	.....	.....	.....	$\frac{60}{340}$	N. Atlantic ..
42	<i>C. acus</i> Dall	27	11	8.0	30	.....
43	<i>C.</i> .....	.....	.....	.....	731	Hatteras
44	<i>C. minusculus</i> Dall .....	.....	.....	2.2	$\frac{63}{294}$	Hatteras

TABLE IV. D.—*List of Pteropoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Order PTEROPODA.						
Suborder THECOSOMATA.						
Genus LIMACINA Cuvier.						
Section HETEROFUSUS Fleming.						
1	<i>L. trochiformis</i> Soul.....			1.0	Pelagic	N. lat. 42°..
2	<i>L. bulimoides</i> Orb			2.0	Pelagic	N. lat. 35°..
3	<i>L. Lesueuri</i> Orb.....			1.5	Pelagic	N. lat. 38°..
4	<i>L. retroversa</i> Flem.....			2.5	Pelagic	Arctic Sea .
Section LIMACINA s. s.						
5	<i>L. helicina</i> Phipps	48	14	3.0	Pelagic	Arctic Sea .
Subgenus <i>Embolus</i> Jeffreys.						
6	<i>E. inflatus</i> Orbigny			1.5	Pelagic	N. lat. 42°..
7	<i>E. triacanthus</i> Fischer.....			4.5	Pelagic	N. lat. 38°..
Genus PERACLE Forbes.						
8	<i>P. reticulata</i> Orbigny			4.0	Pelagic	N. lat. 37°..
9	var. <i>diversa</i> Monterosato			7.5	Pelagic	N. lat. 31°..
10	<i>P. ? helicoides</i> Jeffreys			10.0	Pelagic	N. lat. 57°..
Family CAVOLINIIDÆ.						
Genus CRESEIS Rang.						
11	<i>C. virgula</i> Rang			6.0	Pelagic	N. lat. 41°..
12	<i>C. conica</i> Eschscholtz	66	112	7.0	Pelagic	N. Atlantic
13	<i>C. recta</i> Blainville	66	118	25.0	Pelagic	N. lat. 48°..
Section BOASIA Dall.						
14	<i>C. chierchiæ</i> Boas.....			2.5	Pelagic	N. lat. 31°..
Genus CLEODORA Pér. and Les.						
Subgenus <i>Hyalocylix</i> Fol.						
15	<i>H. striata</i> Rang.....	66	119	6.0	Pelagic	N. lat. 39°..
Subgenus <i>Styliola</i> .						
16	<i>S. subula</i> Quoy & Gaimard			10.0	Pelagic	N. lat. 41°..
Subgenus <i>Cleodora</i> s. s.						
17	<i>C. pyramidata</i> L.....			15.0	Pelagic	Spitzbergen
18	<i>C. cuspidata</i> Bosc.....			16.0	Pelagic	N. lat. 60°..

TABLE IV. D.—*List of Pteropoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*	*	*	*	-----	-----	*	*	*	?	S. lat. 28°	
---	*	*	*	*	*	-----	-----	*	*	*	?	S. lat. 48°	P. Pliocene.
*	*	*	*	*	*	-----	-----	*	*	*	*	S. lat. 36°	P. Pliocene.
?	---	---	---	---	---	-----	-----	---	---	*	---	N. lat. 40°	P. Pliocene.
?	---	---	---	---	---	-----	-----	---	---	*	*	N. lat. 35°	
*	---	---	*	---	---	*	---	*	*	*	*	S. lat. 40°	P. Pliocene.
---	---	---	*	---	---	---	---	*	*	*	---	N. lat. 18°	Pliocene.
*	---	---	*	*	*	*	---	*	*	*	?	S. lat. 9°	P. Pliocene.
---	---	---	*	*	*	---	---	*	*	*	---	N. lat. 28°	Pliocene.
---	---	---	?	---	---	---	---	---	---	*	---	N. lat. 31°	P. Pliocene.
*	*	*	*	*	*	*	---	*	*	*	*	S. lat. 35°	P. Pliocene.
*	*	*	*	---	---	---	---	---	---	*	*	Equator.	P. Pliocene.
---	*	*	*	*	*	---	---	*	*	*	?	S. lat. 40°	P. Pliocene.
---	---	---	*	---	---	---	---	---	---	*	---	N. lat. 8°	
*	---	---	*	*	---	---	---	*	*	*	?	S. at. 40°	P. Pliocene.
*	*	*	*	*	*	*	*	*	*	*	*	S. lat. 40°	P. Pliocene.
*	*	*	*	*	*	*	*	*	*	*	?	S. lat. 40°	P. Pliocene.
*	*	*	*	*	*	-----	-----	---	---	*	?	S. lat. 42°	P. Pliocene.

TABLE IV. D.—*List of Pteropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Section BALANTIUM Benson.						
19	<i>C. recurva</i> Children .....	.....	.....	28.0	.....	N. lat. 40°..
20	<i>C. falcata</i> Pfeffer .....	.....	.....	10.0	Pelagic	Davis Str..
Genus CUVIERINA Boas.						
21	<i>C. columnella</i> Rang	66	117	12.0	Pelagic	N. lat. 43°..
Genus CAVOLINIA Abild.						
Section DIACRIA Gray.						
22	<i>C. trispinosa</i> Lesueur	66	115	11.0	Pelagic	N. lat. 60°..
22a	? <i>C. Harger</i> Verrill .....	.....	.....	.....	.....	Geo. Bks...
Section CAVOLINIA s. s.						
23	<i>C. quadridentata</i> Lesueur .....	.....	.....	4.0	Pelagic	N. lat. 40°..
24	<i>C. longirostris</i> Lesueur .....	.....	.....	7.0	Pelagic	N. lat. 47°..
25	<i>C. gibbosa</i> Rang .....	.....	.....	11.0	Pelagic	N. lat. 43°..
26	<i>C. tridentata</i> Forskål	66	113	18.0	Pelagic	N. lat. 40°..
27	<i>C. uncirata</i> Rang	66	116	7.0	Pelagic	N. lat. 40°..
28	<i>C. inflexa</i> Lesueur .....	.....	.....	7.0	Pelagic	N. lat. 42°..
Family CYMBULIIDÆ.						
Genus COROLLA Dall.						
(Cymbulicopsis Pelseneer.)						
29	<i>C. calceola</i> Verrill	66	120	45.0	Pelagic	N. lat. 40°..
Suborder GYMNOSOMATA.						
Family CLIONIDÆ.						
Genus CLIONE Pallas.						
30	<i>C. limacina</i> Phipps	{ 66 72	122 { 1}	30.0	Pelagic	Arctic Sea .
Family CLIOPSIDÆ.						
Genus CLIOPSIS Troschel.						
31	<i>C. grandis</i> Boas .....	.....	.....	25.0	Pelagic	N. lat. 40°..
Genus NOTOBRANCHÆA Pels.						
32	<i>N. Macdonaldi</i> Pels .....	.....	.....	12.0	Pelagic	N. lat. 39°..
Family PNEUMODERMATIDÆ.						
Genus PNEUMODERMON Cuvier.						
33	<i>P. violaceum</i> Orbigny .....	.....	.....	10.0	Pelagic	N. lat. 45°..

TABLE IV. D.—*List of Pteropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
*	-----		*	*	*	*	-----	*	-----	-----		S. lat. 33° ----	P. Pliocene.
?	-----		?	-----	-----	-----	?	-----	?	*	-----	Brazil.	
*	*	*	*	*	*	*	*	*	*	*	?	S. lat. 40° ----	P. Pliocene.
----	*	*	*	*	*	*	----	*	*	*	*	S. lat. 40° ----	P. Pliocene.
----	-----	*	-----	*	-----	-----	-----	*	-----	-----	-----	Bahamas ----	
*	*	*	*	*	*	-----	-----	*	*	*	*	S. lat. 17° ...	P. Pliocene.
*	*	*	*	*	*	-----	-----	*	*	*	?	S. lat. 40° ...	P. Pliocene.
*	*	*	*	*	*	-----	-----	*	*	*	*	S. lat. 41° ...	P. Pliocene.
*	*	*	*	*	*	-----	-----	*	*	*	*	S. lat. 40° ...	P. Pliocene.
*	-----	-----	*	*	*	*	-----	*	-----	*	*	S. lat. 40° ...	P. Pliocene.
*	-----	-----	*	*	*	*	-----	*	*	*	*	S. lat. 42° ...	P. Pliocene.
*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
*	*	-----	-----	-----	-----	-----	-----	-----	-----	*	*	N. lat. 37° ...	
*	*	*	-----	-----	-----	-----	-----	-----	-----	-----	-----	China Sea...	
*	*	*	-----	-----	-----	-----	-----	?	?	?	-----	-----	
*	-----	-----	-----	-----	-----	-----	-----	-----	*	*	-----	S. lat. 15° ...	

TABLE V. E.—*List of Gastropoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Class GASTROPODA.						
Subclass ANISOPLEURA.						
Superorder EUTHYNEURA.						
[Order PTEROPODA. See separate table.]						
Order OPISTHOBRANCHIATA.						
Suborder TECTIBRANCHIATA.						
Family ACTÆONIDÆ.						
Genus ACTÆON Montfort.						
1	A. exilis Jeffreys				$\frac{150}{1456}$	N. Atlantic ..
2	A. pusillus Forbes				$\frac{111}{136}$	N. Atlantic ..
3	A. punctostriatus C. B. Adams	41 52	17 22		$\frac{7}{63}$	Cape Cod
4	A. Cumingi A. Adams					Cape Fear ...
5	A. delicatus Dall	17	5	10.0	$\frac{73}{400}$	Gulf of Mex.
6	A. melampoides Dall	17 46	2 15	6.0 8.0	$\frac{310}{2574}$	Virginia
7	A. perforatus Dall	18	3	7.75	339	Florida Str.
8	A. Danaida Dall	17	12	11.0	339	Tortugas
9	A. incisus Dall	17	1, 1b	9.0	$\frac{224}{640}$	Fernandina .
Genus OVULACTÆON Dall.						
10	O. Meekii Dall	33	3, 4	5.5	$\frac{100}{100}$	Fernandina .
Family RINGICULIDÆ.						
Genus RINGICULA Deshayes.						
Section RINGICULINA Monts.						
11	R. nitida Verrill	37	3	7.5	$\frac{100}{100}$	Rhode Island
12	R. semistriata Orbigny				$\frac{31}{107}$	Hatteras
Family TORNATINIDÆ.						
Genus TORNATINA A. Adams.						
13	T. bullata Kiener					Florida Str..
14	T. recta Orbigny					Tampa
15	T. canaliculata Say	52	27	5.0	$\frac{0}{63}$	Cape Cod
16	T. Candei Orbigny	41	13		$\frac{7}{48}$	Hatteras
Subgenus Coleophysis Fischer.						
17	C. perplicatus Dall			5.0	$\frac{100}{220}$	Florida Str..
18	C. eburneus Verrill	46	14	6.0	$\frac{10}{10}$	Hatteras

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Subgenus <i>Cylichnella</i> Gabb.						
19	<i>C. bidentata</i> Orbigny.....	41	14	.....	$\frac{7}{168}$	Hatteras
20	<i>C. oryza</i> Totten	52	23	3.07	.....	Cape Cod....
Genus <i>UTRICULUS</i> Brown.						
21	<i>U. Frielei</i> Dall	17	4	8.2	$\frac{100}{640}$	Gulf of Mex.
22	<i>U. vortex</i> Dall	17 44	3 15	7.5) 10.0)	$\frac{266}{339}$	Rhode Island
23	<i>U. domitus</i> Dall.....	17	8	9.0	$\frac{282}{1691}$	.....
Subgenus <i>Retusa</i> Brown.						
24	<i>R. Gouldii</i> Couthouy	72	7	3.0	$\frac{5}{22}$	Maine.....
25	<i>R. pertenuis</i> Mighels	52 72	25, 26 6	2.7	$\frac{10}{294}$	Norway
26	<i>R. sulcata</i> Orbigny.....	.....	.....	.....	$\frac{31}{1}$	Hatteras
27	<i>R. ovata</i> Jeffreys.....	.....	.....	.....	$\frac{27}{1000}$	N. Atlantic..
28	<i>R. obesiuscula</i> Brugnone .....	.....	.....	.....	$\frac{53}{168}$	Rhode Island
29	<i>R. calata</i> Bush.....	41	15	3.0	$\frac{15}{294}$	Hatteras
Genus <i>VOLVULA</i> A. Adams.						
30	<i>V. acuta</i> Orbigny.....	41	11	2.5	$\frac{5}{63}$	Hatteras
31	<i>V. oxytata</i> Bush	41	12	4.0	$\frac{5}{63}$	Hatteras
32	<i>V. Bushii</i> Dall .....	.....	.....	4.6	124	Hatteras
33	<i>V. aspinosa</i> Dall .....	.....	.....	4.0	$\frac{18}{200}$	Hatteras
Family SCAPHANDRIDÆ.						
Genus <i>SCAPHANDER</i> Montfort.						
34	<i>S. punctostriatus</i> Mighels	72	4	.....	$\frac{16}{1487}$	Norway
35	<i>S. Watsonii</i> Dall	17	10	8.75	$\frac{54}{324}$	Hatteras
36	<i>S. nobilis</i> Verrill	64	106	35.0	$\frac{1200}{1639}$	Delaware B..
Subgenus <i>Sabatia</i> Bellardi.						
37	<i>S. bathymophila</i> Dall.....	17	9, 9b	16.5	$\frac{224}{1268}$	Fernandina ..
Genus <i>ATYS</i> Montfort.						
38	<i>A. Sandersoni</i> Dall.....	17	7	6.5	$\frac{8}{805}$	Hatteras
39	<i>A. caribæa</i> Orbigny .....	.....	.....	.....	$\frac{15}{100}$	Hatteras
Genus <i>CYLICHNA</i> Lovén.						
40	<i>C. Verrillii</i> Dall.....	.....	.....	7.5	$\frac{31}{294}$	Hatteras
41	<i>C. alba</i> Brown	52	21	.....	.....	Arctic Sea...
Genus <i>DIAPHANA</i> Brown.						
42	<i>D. debilis</i> Gould.....	52	24	3.5	$\frac{6}{20}$	Arctic Sea...

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	*†	---	---	*	*	*	*†	---	---	---	Barbados....	Pliocene.
*	*	*	---	---	---	---	---	---	---	---	---	Charleston ..	P. Pliocene.
---	---	---	---	---	---	---	†	†	---	---	---	Barbados....	Pliocene.
?	---	---	---	†	†	---	---	†	---	---	---	Cuba.....	
---	---	---	---	---	---	---	---	†	---	---	---	Guadalupe ..	
?	---	†	---	---	---	---	---	---	---	---	---	Hatteras	
*	---	---	†	---	---	---	---	---	---	*	---	Fernandina ..	
---	---	*	---	---	---	---	---	*	---	---	---	Guadalupe ..	
---	---	†	---	†	*	---	---	*†	---	*†	---	Brazil ..	
†	---	†	---	---	---	---	---	---	---	†	---	Hatteras	
---	---	*†	†	---	---	---	---	---	---	---	---	Fernandina ..	
---	---	*†	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	*†	---	---	---	---	---	?	---	*	---	Cape Fear...	? Miocene.
---	---	†	---	---	---	---	---	---	---	---	---	Florida Str ..	
---	---	*†	†	†	---	---	---	---	---	---	---	Barbados....	
---	---	†	---	---	---	---	---	---	---	---	---	Barbados....	
†	†	---	---	---	---	---	---	---	---	---	---	Jamaica.....	
---	---	---	---	---	---	---	---	---	---	---	---	Guadalupe ..	
---	---	*	---	---	*†	---	---	*	---	---	---	Santa Cruz ..	
---	---	*	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	*†	†	---	---	---	---	---	---	---	---	Fernandina ..	
*†	---	---	---	---	---	---	---	?	---	*	*	St. Thomas?	P. Pliocene.
*	---	---	---	---	---	---	---	---	---	*	---	---	P. Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family APLUSTRIDÆ.						
Genus APLUSTRUM Schum.						
Subgenus Hydatina Schum.						
43	<i>H. physis</i> Linné.....					Sarasota.....
Subgenus Bullina Férussac.						
44	<i>B. undata</i> Bruguière.....					Florida Keys.
Family BULLIDÆ.						
Genus BULLA Linné.						
45	<i>B. striata</i> Bruguière.....					Texas.....
46	<i>B. solida</i> Gmelin.....					Florida Keys.
47	<i>B. occidentalis</i> A. Adams.....					Tampa.....
48	<i>B. eburnea</i> Dall.....	17	6	7.25	$\frac{197}{339}$	Hatteras.....
49	<i>B. abyssicola</i> Dall.....	17	11	12.7	$\frac{339}{1181}$	Ireland.....
Genus HAMINEA Leach.						
50	<i>H. succinea</i> Conrad.....				$\frac{170}{170}$	Texas.....
51	<i>H. solitaria</i> Say.....	52	20	10.0		Mass. Bay..
52	<i>H. antillarum</i> Orbigny.....					Tampa.....
53	<i>H. Guildingi</i> Swainson.....					Texas.....
54	<i>H. Petitii</i> Orbigny.....					Tampa.....
Genus CYLINDROBULLA Fischer.						
55	<i>C. Beau</i> Fischer.....				$\frac{2}{35}$	Cedar Keys..
Family PHILINIDÆ.						
Genus PHILINE Ascanius.						
56	<i>P. sagra</i> Orbigny.....	41	16, 16a		$\frac{30}{30}$	Hatteras.....
57	<i>P. infundibulum</i> Dall.....			12.0	$\frac{112}{112}$	Florida Str..
58	<i>P. sinuata</i> Stimpson.....	72	2			Norway.....
59	<i>P. amabilis</i> Verrill.....				$\frac{120}{120}$	Rhode Island
60	<i>P. ———</i>				$\frac{127}{127}$	Hatteras.....
61	<i>P. flexuosa</i> Sars.....					Norway.....
Family GASTROPTERIDÆ.						
Genus GASTROPTERON Meckel.						
62	<i>G. Meckelii</i> ? Kosse.....					Mediterran'n.
Family UMBRACULIDÆ.						
Genus UMBRACULUM Schum.						
63	<i>U. bermudense</i> Mörch.....	14	9, 10	10.0		Bermuda....

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	*	*	*	*	Guadalupe ..	Pliocene.
.....	*	*	Tortola	
.....	*	*	*	*	*	*	Barbados	
.....	*	*	*	Barbados	
.....	*	*	*	*	St. Vincent ..	
.....	†	†	†	†	Cuba	
.....	†	†	†	†	Santa Cruz ..	
.....	*	*	*	†	Grenada	
.....	*	*	Georgia	
.....	*	*	*	Guadalupe ..	
.....	*	*	*	*	Rio Janeiro ..	
.....	?	*	*	St. Thomas ..	
.....	*	†	*	Guadalupe ..	
.....	*	*	Martinique ..	Pliocene.
.....	†	†	Barbados	
.....	*	*	Marco	
†	Delaware	
.....	†	C. Lookout ..	
.....	†	†	†	Yucatan	
.....	Guadalupe ..	
.....	*	*	*	Florida Str ..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus HYALOPATINA Dall.					
64	H. Rushii Dall			9.3	.....	Florida Str..
	<i>Superfamily ANASPIDÆ.</i>					
	<i>Family APLYSIIDÆ.</i>					
	Genus APLYSIA Linné.					
65	A. protea Rang.....					St. Augustine
66	A. Willcoxii Heilprin.....			200.0	.....	Gasparilla...
	<i>Superfamily NOTASPIDÆ.</i>					
	<i>Family PLEUROBRANCHIDÆ.</i>					
	Genus PLEUROBRANCHUS Cuvier.					
67	P. americanus Verrill.....	46	13	13.5	250	Rhode Island
	Genus PLEUROBRANCHÆA Meckel.					
68	P. tarda Verrill.....				$\frac{28}{640}$	Rhode Island
	Genus KOONSIA Verrill.					
69	K. obesa Verrill	43	7	128.0	$\frac{192}{312}$	Rhode Island
	Order NUDIBRANCHIATA.					
	[Omitted.]					
	Order PULMONATA.					
	<i>Suborder STYLOMMATOPHORA.</i>					
	<i>Superfamily DITREMATA.</i>					
	<i>Family ONCHIDIIDÆ.</i>					
	Genus ONCHIDIUM Cuvier.					
70	O. floridanum Dall.....					Knight's Key
	<i>Family VERONICELLIDÆ.</i>					
	Genus VERONICELLA Blainville.					
71	V. floridana Binney			56.0	.....	Charlotte H.
	<i>Suborder BASOMMATOPHORA.</i>					
	<i>Superfamily AKTEOPHILA.</i>					
	<i>Family AURICULIDÆ.</i>					
	<i>Subfamily AURICULINÆ.</i>					
	Genus AURICULA Lam.					
	<i>Subgenus Auriculastrum</i> Fischer.					
72	A. pellucens Menke.....	47	8	16.0	.....	Cedar Keys..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
----	----	----	----	*	----	----	----	*	----	----	----	Bahamas ----	
----	----	----	*	----	*	*	----	*	*	----	----	N. Grenada ..	
----	----	----	----	----	----	*	----	----	----	----	----	-----	
?	†	----	----	----	----	----	----	----	----	----	----	-----	
*†	†	----	----	----	----	----	----	----	----	----	----	Chesapeake .	
*†	----	----	----	----	----	----	----	----	----	----	----	Delaware ...	
----	----	----	----	----	*	----	----	----	?	----	----	Florida Keys.	
----	----	----	----	----	*	*	----	----	----	----	----	Florida Keys.	
----	----	----	----	----	*	*	----	*	----	----	----	Demerara ...	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus TRALIA Gray.						
73	<i>T. pusilla</i> Gmelin	47	5	21.0	.....	Cedar Keys..
74	<i>T. minuscula</i> Dall .....				.....	Tampa
Subgenus Alexia Gray.						
75	<i>A. myosotis</i> Draparnaud	52	9		.....	England ...
Subfamily MELAMPINÆ.						
Genus PEDIPES (Adans.) Blainv.						
76	<i>P. mirabilis</i> Muhlfeldt	47	17	3.6	.....	Tampa
77	<i>P. elongatus</i> Dall	47	4	4.0	.....	Marco, Fla ..
Genus MELAMPUS Mtf.						
78	<i>M. coffeus</i> Linné	47	3		.....	Cedar Keys..
79	<i>M. floridanus</i> Shuttleworth	47	2		.....	Tampa
80	<i>M. flavus</i> Gmelin	47	1	12.0	.....	Cedar Keys..
81	<i>M. lineatus</i> Say	47	9, 12		.....	Mass. Bay...
Subgenus Leuconia Gray.						
82	<i>L. bidentata</i> Montagu	47	13		.....	Shetland
Subgenus Detracia Gray.						
83	<i>D. bulloides</i> Montagu	47	7	11.0	.....	Cedar Keys..
Subgenus Sayella Dall.						
84	<i>S. Hemphillii</i> Dall	47	11	3.7	.....	Cedar Keys..
85	<i>S. Croseana</i> Dall	47	10	2.5	.....	Egmont Key..
86	<i>S. ———</i> .....				.....	Tampa
Genus BLAUNERIA Shuttlew.						
87	<i>B. heteroclita</i> Montagu	47	14		.....	Tampa
Superfamily PETROPHILA.						
Family SIPHONARIIDÆ.						
Genus SIPHONARIA Sby.						
Subgenus Siphonaria s. s.						
88	<i>S. alternata</i> Say .....				.....	Bermuda
89	<i>S. lineolata</i> Orbigny .....				.....	Fernandina ..
Subgenus Williamia Monterosato.						
90	<i>W. Krebsii</i> Mörch .....				.....	Turtle Harb ..
Family GADINIIDÆ.						
Genus GADINIA Gray.						
91	<i>G. carinata</i> Dall .....				.....	Cuba

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	*	*	---	*	*	---	---	Guadalupe ..	
---	---	---	---	---	*	*	---	*	---	---	---	Bahamas	
*	---	*	---	---	---	*	---	*	---	*	*	Jamaica	
---	---	---	---	---	*	*	---	*	*	---	---	Guadalupe ..	
---	---	---	---	---	*	---	---	---	---	---	---	-----	
---	---	---	---	---	*	*	*	*	---	---	---	Cayenne	P. Pliocene.
---	---	---	---	---	*	*	---	---	---	---	---	Florida Keys	
---	---	---	---	---	*	*	---	*	---	*	---	Guadalupe ..	
*	*	*	*	*	*	*	*	*	---	---	---	Tortola	
?	---	?	---	---	---	---	---	---	---	*	---	S. Carolina ?	
---	---	---	---	---	*	*	---	*	---	---	---	Antilles	
---	---	---	---	---	---	*	---	---	---	---	---	-----	
---	---	---	---	---	---	*	---	*	---	---	---	Bahamas	
---	---	---	---	---	---	*	---	*	---	---	---	Bahamas	
---	---	---	---	---	*	*	---	*	---	*	---	Porto Rico ..	
---	---	---	---	*	*	*	---	---	*	---	---	Florida Keys	
---	---	---	*	*	*	---	*	*	---	?	---	Brazil	
---	---	---	---	---	*	*	---	*	---	---	---	Barbados....	
---	---	---	---	---	?	---	---	*	*	---	---	Colon	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Superorder STREPTONEURA.						
Order CTENOBRANCHIATA.						
Suborder ORTHODONTA.						
<i>Superfamily TOXOGLOSSA.</i>						
Family TEREBRIDÆ.						
Genus TEREBRA Bruguière.						
Section HASTULA H. & A. Adams.						
92	<i>T. hastata</i> Gmelin .....	.....	.....	.....	.....	Key West ...
93	<i>T. cinerea</i> Gmelin .....	.....	.....	.....	.....	Texas
Section SUBULA Schumacher.						
94	<i>T. floridana</i> Dall .....	.....	.....	70.0	$\frac{1}{8}$	Key West ...
Section ACUS H. & A. Adams.						
95	<i>T. dislocata</i> Say .....	.....	.....	57.0	.....	Maryland ...
96	<i>T. concava</i> Say .....	.....	.....	19.0	.....	Hatteras ...
97	var. <i>vinosa</i> Dall .....	.....	.....	18.0	.....	Hatteras ...
98	<i>T. protexta</i> Conrad .....	.....	.....	21.2	$\frac{3}{8}$	Hatteras ...
99	var. <i>lutescens</i> Smith .....	.....	.....	15.5	.....	Cape Fear...
100	<i>T. nassula</i> Dall	36	8	55.0	$\frac{84}{100}$	Gulf of Mex.
101	<i>T. limatula</i> Dall .....	.....	.....	18.0	$\frac{22}{100}$	C. Lookout..
102	<i>T. benthalis</i> Dall	29	6	21.0	$\frac{100}{100}$	Fernandina .
103	<i>T. Rushii</i> Dall .....	.....	.....	15.0	8	Florida Keys
Family CONIDÆ.						
Genus CONUS Linné.						
104	<i>C. proteus</i> Hwass .....	.....	.....	.....	$\frac{1}{10}$	Gulf of Mex.
105	<i>C. centurio</i> Born .....	.....	.....	.....	$\frac{3}{8}$	Cedar Keys..
106	<i>C. Delessertii</i> Recluz .....	.....	.....	51.0	$\frac{24}{100}$	Hatteras ...
107	<i>C. flavescens</i> Gray .....	.....	.....	.....	$\frac{175}{100}$	Hatteras ...
108	<i>C. floridanus</i> Gabb .....	.....	.....	.....	.....	Hatteras ...
109	<i>C. Agassizii</i> Dall	9	8, 8a	30.0	$\frac{110}{100}$	Bermuda
110	<i>C. Pealii</i> Green .....	.....	.....	.....	$\frac{1}{2}$	Hatteras ...
111	<i>C. pygmæus</i> Reeve .....	.....	.....	.....	.....	Magill Bay ..
112	<i>C. verrucosus</i> Hwass .....	.....	.....	.....	.....	Florida Keys
113	<i>C. mus</i> Hwass .....	.....	.....	.....	$\frac{1}{2}$	Jupiter Inlet
114	<i>C. amphurgus</i> Dall .....	.....	.....	.....	26	Gulf of Mex.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family PLEUROTOMIDÆ.						
Genus PLEUROTOMA Lamarck.						
Subgenus <i>Pleurotoma</i> s. s.						
115	<i>P. albida</i> Perry .....	.....	.....	.....	106	Cedar Keys..
116	var. <i>tellea</i> Dall .....	.....	.....	100.0	111	W. Florida..
117	var. <i>vibex</i> Dall .....	.....	.....	19.0	150	Florida Keys
118	<i>P. periscelida</i> Dall	32	2	40.0	127	Hatteras
Subgenus <i>Leucosyrinx</i> Dall.						
119	<i>L. Verrillii</i> Dall	10	5	36.0	158	Cape Fear...
120	<i>L. Sigsbeeii</i> Dall	11	10	25.5	1591	Gulf of Mex
121	<i>L. tenoceras</i> Dall	36	5	60.0	124	Cape Fear...
122	<i>L. subgrundifera</i> Dall	38	1	30.0	138	Cape Fear...
Subgenus <i>Ancistrosyrinx</i> Dall.						
123	<i>A. elegans</i> Dall	38	3	27.0	805	Florida Reefs
124	<i>A. radiata</i> Dall	12	12	18.0	73	Cedar Keys..
Subgenus <i>Genota</i> Adams.						
125	<i>G. mitrella</i> Dall	12	5	12.5	294	Fernandina .
Section DOLICHOTOMA Bellardi.						
126	<i>G. viabrunnea</i> Dall	13	2	38.0	187	South Cuba .
Genus DRILLIA Gray.						
127	<i>D. ostrearum</i> Stearns .....	.....	.....	.....	15	Hatteras
128	<i>D. albicoma</i> Dall	10	8	25.7	104	Gulf of Mex.
129	<i>D. detecta</i> Dall	12	11	11.7	338	Gulf of Mex.
130	<i>D. alesidota</i> Dall .....	.....	.....	48.0	107	Hatteras
131	var. <i>macilenta</i> Dall	36	1	36.0	111	Cape Fear...
132	<i>D. polytorta</i> Dall	10	6	33.5	413	Gulf of Mex.
133	<i>D. eucosmia</i> Dall	13	1	19.0	170	.....
134	var. <i>canna</i> Dall .....	.....	.....	15.2	52	C. Lookout..
135	<i>D. Harfordiana</i> Reeve .....	.....	.....	.....	.....	Vera Cruz...
136	<i>D. ———</i> .....	.....	.....	.....	.....	Florida Keys
137	<i>D. ebenina</i> Dall .....	.....	.....	.....	.....	Tortugas
138	<i>D. leucocyma</i> Dall	48	7	7.5	.....	Sarasota
139	<i>D. albinodata</i> Reeve .....	.....	.....	.....	.....	Charlotte H.
140	<i>D. haliostrephes</i> Dall	13	3	20.0	84	Gulf of Mex.
141	<i>D. ancestra</i> Dall	10	7	19.0	161	Gulf of Mex.
142	<i>D. pharcida</i> Dall	12	2	9.5	1002	East Florida.
143	<i>D. acrybia</i> Dall .....	.....	.....	10.0	294	Fernandina .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	---	†*	---	†*	---	---	---	Barbados....	Miocene.
---	---	---	---	---	---	†	---	---	---	---	---	W. Florida ..	
---	---	---	---	---	†	---	---	†	---	---	---	Saba, W. Ind.	
---	---	†	---	---	---	---	---	†	---	---	---	Monosquillo..	
---	---	†	---	---	---	†	---	†	---	---	---	Guadalupe ..	
---	---	---	---	---	---	---	†	†	---	---	---	Bequia	
---	---	†	---	---	---	†	---	†	---	---	---	Guadalupe ..	
---	---	†	---	†	---	†	---	†	---	---	---	St. Kitt's....	
---	---	---	---	---	†	---	---	†	---	---	---	Cuba.....	
---	---	---	---	---	†	*	---	†	---	---	---	Barbados....	
---	---	---	†	---	---	---	---	†	---	---	---	Yucatan.....	
---	---	---	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	*	---	---	*	*	---	†	---	---	---	Grenada.....	
---	---	---	---	---	---	†	---	†	---	---	---	Barbados....	
---	---	---	---	---	---	†	---	†	---	---	---	Culebra	
---	---	†	---	---	---	†	---	---	---	---	---	Gulf of Mex ..	
---	---	†	---	---	---	†	---	†	---	---	---	Barbados....	Pliocene.
---	---	---	---	---	---	---	---	†	---	---	---	Yucatan.....	
---	---	---	---	---	---	---	---	†	---	---	---	Grenada....	
---	---	†	---	---	---	†	---	†	---	---	---	Grenada....	
---	---	---	---	---	---	---	?	*	---	---	---	Yucatan	
---	---	---	---	---	*	---	---	*	---	---	---	Costa Rica ..	
---	---	---	---	---	*	*	---	---	---	---	---	Vera Cruz ...	Pliocene.
---	---	---	---	---	*	*	---	---	---	---	---	Yucatan	Pliocene.
---	---	---	---	---	*	*	---	*	---	---	---	St. Domingo..	
---	---	---	---	---	*	†	---	---	---	---	---	Gulf of Mex..	
---	---	---	---	---	---	†	---	*	---	---	---	Grenada	
---	---	---	---	†	†*	†	---	†	---	---	---	Barbados....	
---	---	---	†	†	---	---	---	---	---	---	---	East Florida	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
144	<i>Drillia tristicha</i> Dall .....	.....	.....	23.0	$\frac{11}{10}$	Cedar Keys..
145	<i>D. ebur</i> Reeve .....	.....	.....	.....	$\frac{1}{6}$	Hatteras
146	<i>D. fucata</i> Reeve .....	.....	.....	.....	$\frac{1}{6}$	Cape Fear...
147	var. <i>paria</i> Reeve .....	.....	.....	.....	$\frac{1}{6}$	Cape Fear...
148	<i>D. pagodula</i> Dall	13	6	18.0	$\frac{50}{184}$	Florida Str..
149	var. <i>pentagonalis</i> Dall .....	.....	.....	7.0	49	Hatteras
150	<i>D. thea</i> Dall	48	1	15.0	$\frac{3}{6}$	Hatteras
151	var. <i>carminura</i> Dall .....	.....	.....	11.5	$\frac{100}{111}$	Gulf of Mex..
152	<i>D. Simpsoni</i> Dall .....	.....	.....	.....	$\frac{5}{8}$	Hatteras
153	<i>D. lissotropis</i> Dall	11	3, 4	7.0	$\frac{73}{248}$	Gulf of Mex..
154	<i>D. Dalli</i> Verrill	60	66, a	19.5	$\frac{24}{46}$	Rhode Island
155	var. <i>acloneta</i> Dall .....	.....	.....	.....	$\frac{170}{294}$	Georgia
156	var. <i>cestrota</i> Dall .....	.....	.....	.....	196	Cedar Keys ..
157	<i>D. nucleata</i> Dall	11	1	13.5	$\frac{54}{64}$	Cape Florida
158	<i>D. Verrillii</i> Dall	11	2	5.5	$\frac{310}{310}$	Gulf of Mex..
159	<i>D. havanensis</i> Dall	11	5	9.0	$\frac{263}{646}$	Florida Keys
160	<i>D. premorra</i> Dall	11	18	9.5	$\frac{100}{100}$	Fernandina ..
161	<i>D. oleacina</i> Dall	11	8	10.0	$\frac{387}{416}$	Florida Str..
162	<i>D. smirna</i> Dall	11	7	15.0	$\frac{383}{413}$	Florida Str..
163	<i>D. lithocolleta</i> Watson	11	6	12.5	$\frac{107}{69}$	Hatteras
Section CYMATOSYRINX Dall.						
164	<i>D. centimata</i> Dall	36	9	22.5	$\frac{731}{1220}$	Hatteras
165	<i>D. æpynota</i> Dall	36	10	15.0	$\frac{25}{25}$	Hatteras
166	<i>D. Moseri</i> Dall	36	3	30.0	$\frac{3}{60}$	Hatteras
167	<i>D. ———</i> .....	.....	.....	.....	15	Florida Keys
168	<i>D. ———</i> .....	.....	.....	.....	$\frac{294}{188}$	Georgia
169	<i>D. ———</i> .....	.....	.....	.....	294	Georgia
Genus BORSONIA Bellardi.						
Subgenus Cordieria Rouault.						
170	<i>C. Rouaultii</i> Dall	36	11	13.6	100	.....
Genus BELA Gray.						
171	<i>B. subvitrea</i> Verrill .....	.....	.....	13.5	843	Hatteras
172	<i>B. tenuicostata</i> G. O. Sars .....	.....	.....	.....	$\frac{843}{1290}$	Norway
173	<i>B. ———</i> .....	.....	.....	.....	465	Florida Str..
174	<i>B. Blakei</i> Verrill .....	.....	.....	16.0	2021	Chesapeake ..
175	<i>B. ———</i> .....	.....	.....	.....	124	Hatteras
176	<i>B. harpularia</i> Conthouy	50	17	17.0	$\frac{10}{368}$	Nova Scotia ..
177	<i>B. ———</i> .....	.....	.....	.....	$\frac{63}{68}$	Hatteras
178	<i>B. Rathbuni</i> Verrill .....	.....	.....	27.0	1395	Hatteras

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
179	Bela ———	.....	.....	.....	300	Hatteras
180	B. subnrgida Verrill .....	.....	.....	9.0	843	Hatteras
181	B. ———	.....	.....	.....	$\frac{63}{124}$	Hatteras
182	B. <i>Tanneri</i> Verrill	61	78	21.0	1290	Gulf of Maine
Genus MANGILIA Risso.						
Subgenus <i>Cythara</i> Schumacher.						
183	C. <i>Bartlettii</i> Dall.....	12 14	6 5,8	8.0 10.0	$\frac{40}{480}$	Key West ...
184	C. <i>cymella</i> Dall					
	Subgenus <i>Daphnella</i> Hinds.	12	4	12.5	$\frac{100}{220}$	Gulf of Mex .
185	D. <i>limæiformis</i> Kiener.....	.....	.....	.....	.....	Florida Keys
186	D. <i>leucophlegma</i> Dall.....	9	9	10.25	805	Gulf of Mex .
187	D. <i>corbicula</i> Dall.....	14	9	11.2	$\frac{10}{100}$	Hatteras
188	D. <i>reticulosa</i> Dall	10	10	11.5	$\frac{76}{294}$	Fernandina .
189	D. <i>pompholyx</i> Dall	36	4	12.5	$\frac{102}{134}$	Fernandina .
190	D. <i>retifera</i> Dall .....	.....	.....	6.5	$\frac{43}{53}$	Hatteras
191	D. <i>morra</i> Dall	12	1	5.75	$\frac{220}{400}$	C. Lookout..
192	D. <i>elata</i> Dall.....	.....	.....	4.75	$\frac{12}{22}$	Hatteras
Section EUBELA Dall.						
193	D. <i>limacina</i> Dall	9	10	11.0	$\frac{85}{100}$	Rhode Island
194	D. <i>calyx</i> Dall .....	.....	.....	.....	124	Hatteras
195	D. ———	.....	.....	.....	805	Gulf of Mex .
196	D. <i>sofia</i> Dall	10	11	8.0	769	N. Carolina ?
197	var. <i>hyperlissa</i> Dall .....	.....	.....	8.5	731	Hatteras
Subgenus <i>Glyphostoma</i> Gabb.						
198	G. <i>dentifera</i> Gabb .....	.....	.....	.....	15	Florida Str ..
199	G. <i>Gabbii</i> Dall	13	4,5,7,8	17.5	$\frac{30}{280}$	Gulf of Mex .
200	G. <i>gratula</i> Dall.....	12	10	17.5	$\frac{227}{447}$	East Florida.
Subgenus <i>Mangilia</i> Risso, s. s.						
201	M. <i>balteata</i> Reeve .....	.....	.....	.....	.....	Hatteras
202	M. <i>psila</i> Bush	41	2	6.0	.....	Hatteras
203	M. <i>oxytata</i> Bush	41	1	5.0	48	Hatteras
204	M. <i>astrieta</i> Reeve .....	.....	.....	.....	.....	Florida Keys
205	M. <i>biconica</i> C. B. Adams .....	.....	.....	.....	.....	Hatteras
206	M. <i>plicosa</i> C. B. Adams	50	14	.....	9	Cape Cod....
207	M. <i>rubella</i> Kurtz & Stimpson .....	.....	.....	.....	.....	C. Lookout..
208	M. <i>bicarinata</i> Conthouy	50	15	11.0	$\frac{40}{120}$	Arctic Seas..
209	M. <i>stellata</i> Stearns .....	.....	.....	.....	.....	Tampa

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
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?	†	---	---	---	---	---	---	---	---	---	---	George's B'ks	
---	---	---	---	---	*	---	---	†	---	---	---	Barbados....	
---	---	---	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	---	---	---	*	---	---	*	---	---	---	Barbados....	
---	---	---	---	---	†	---	---	---	---	---	---	Gulf of Mex .	
---	---	†	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	---	†	---	---	---	---	†	---	---	---	Barbados....	Pliocene.
---	---	†	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	*†	---	---	†	---	---	†	---	---	---	Cuba	
---	---	*	---	---	---	---	---	---	---	---	---	Cape Fear...	Pliocene.
---	---	---	†	†	†	†	†	†	---	---	---	Brazil	
---	---	†	---	---	---	---	---	---	---	---	---	---	
---	---	---	---	---	†	---	---	†	---	---	---	Cuba	
---	---	?†	---	---	---	---	---	†	---	---	---	Guadalupe ..	
---	---	†	---	---	---	---	---	?	---	---	---	---	
---	---	---	---	---	*	---	---	---	---	---	---	---	Miocene.
---	---	---	---	---	†	†*	---	†	---	---	---	Barbados....	Pliocene.
---	---	---	---	†	†	†	---	†	---	---	---	Old Provid'ce	
---	---	*	---	---	*	*	---	*	---	---	---	Barbados....	Pliocene.
---	---	*†	†	---	---	---	---	?	---	---	---	Martinique..	
---	---	*	---	---	---	---	---	---	---	---	---	---	
---	---	---	---	---	*	*	---	---	---	---	---	Gulf of Mex .	
---	---	†*	---	---	*	*	---	*	---	---	---	Jamaica	
*	---	*	---	---	*	*	---	---	---	---	---	Florida Keys	Pliocene.
---	---	*	---	---	---	*	---	---	---	---	---	Charlotte H.	Pliocene
*?	---	---	---	---	---	---	---	---	---	*†	*	Rhode Id....	
---	---	---	---	---	*	*	---	---	---	---	---	Key West ...	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range
210	<i>Mangilia atrostylo</i> Dall.....	41	4, 4a	8. 75	$\frac{14}{333}$	Hatteras
211	<i>M. limonitella</i> Dall.....	48	3	7. 1	$\frac{9}{2}$	Cedar Keys..
212	<i>M. cerina</i> Kurtz & Stimpson	44	16, a	6. 75	$\frac{3}{10}$	Cape Cod ...
213	<i>M. ceroplasta</i> Bush .....	.....	.....	5. 5	$\frac{19}{10}$	Hatteras
214	<i>M. cerinella</i> Dall .....	.....	.....	11. 8	$\frac{14}{22}$	Hatteras
215	<i>M. quadrata</i> Reeve .....	.....	.....	8. 0	.....	Hatteras
216	var. <i>diminuta</i> C. B. Adams .....	.....	.....	.....	.....	Hatteras
217	var. <i>rugirima</i> Dall .....	.....	.....	.....	.....	Florida Keys
218	var. <i>monocingulata</i> Dall	11	15, 16	6. 75	100	.....
219	<i>M. monilifera</i> Sowerby .....	.....	.....	.....	.....	Florida Keys
220	<i>M. citronella</i> Dall.....	9	5	6. 25	70	.....
221	<i>M. ———</i> .....	.....	.....	.....	.....	Hatteras
222	<i>M. Dorvilliae</i> Gray .....	.....	.....	.....	.....	Florida Keys
223	<i>M. ———</i> .....	.....	.....	.....	22	Hatteras
224	<i>M. melanitica</i> Dall .....	.....	.....	.....	.....	Hatteras
225	var. <i>oxia</i> Bush.....	41	3, 3a	5. 0	$\frac{7}{8}$	Hatteras
226	<i>M. ———</i> .....	.....	.....	.....	294	Fernandina .
227	<i>M. antonia</i> Dall	{ 10 11	{ 4 11	{ 5. 75 7. 0	{ $\frac{440}{769}$ $\frac{440}{769}$	Fernandina .
228	<i>M. serga</i> Dall	9	4	9. 0	$\frac{382}{1075}$	Florida Str ..
229	<i>M. peripla</i> Dall	11	17	8. 0	$\frac{640}{1000}$	Gulf of Mex.
230	<i>M. elusiva</i> Dall	12	7	9. 25	$\frac{390}{640}$	Gulf of Mex.
231	<i>M. bandella</i> Dall.....	{ 10 60	{ 3 73	{ 9. 4 11. 0	{ $\frac{321}{2100}$ $\frac{321}{2100}$	Gulf of Maine
232	<i>M. comatotropis</i> Dall	{ 11 44 61	{ 12 8 77	{ 6. 0 }	$\frac{507}{1075}$	Rhode Island
233	<i>M. scipio</i> Dall	10	12	14. 0	$\frac{124}{982}$	Fernandina .
234	<i>M. pelagia</i> Dall	11	9	10. 8	539	Gulf of Mex.
235	<i>M. exsculpta</i> Watson	15	9	30. 0	$\frac{248}{640}$	Gulf of Mex.
236	<i>M. Pourtalesii</i> Dall	9	6	17. 0	$\frac{224}{447}$	Fernandina .
237	<i>M. subsida</i> Dall	12	3	13. 0	339	Gulf of Mex.
238	<i>M. toreumata</i> Dall	12	8	10. 2	$\frac{394}{391}$	Fernandina .
Subgenus <i>Pleurotomella</i> Verrill.						
239	<i>P. Packardii</i> Verrill.....	44	7	13. 0	$\frac{85}{193}$	Gulf of Maine
240	var. <i>formosa</i> Jeffreys	60	72	10. 0	$\frac{345}{1008}$	N. Atlantic ..
241	var. <i>Benedicti</i> V. & S	{ 14 60	{ 4 70, a	{ 11. 0 17. 0	{ $\frac{1809}{1809}$ $\frac{1809}{1809}$	Gulf of Maine
242	<i>P. Bruneri</i> V. & S.....	61	75	22. 0	$\frac{1608}{2033}$	Rhode Island
243	<i>P. leucomata</i> Dall	11	13	13. 7	$\frac{533}{946}$	Cedar Keys..
244	<i>P. Catherinae</i> V. & S	61	76, a	23. 0	$\frac{843}{2033}$	Gulf of Maine

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	"	*	---	*	*	---	†	---	---	---	Barbados....	P. Pliocene.
---	---	---	---	---	---	*	---	---	---	---	---	Tampa	
*	---	*	*	---	---	---	---	---	---	---	---	Fernandina ..	
---	---	*	---	---	---	---	---	---	---	---	---	---	
---	---	*	---	---	*	*	*	---	---	---	---	Texas	
---	---	*	---	---	*	---	*	*	---	---	---	Yucatau....	
---	---	*	---	---	*	*	---	---	---	---	---	Florida Keys.	
---	---	---	---	---	*	---	---	---	---	---	---	---	
---	---	---	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	---	---	---	*	---	---	*	---	---	---	St. Thomas..	
---	---	---	---	---	---	---	---	†	---	---	---	Sombrero....	P. Pliocene.
---	---	†	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	---	---	---	*	---	---	*	---	---	---	Haiti	
---	---	*	---	---	---	---	---	---	---	---	---	---	
---	---	*	---	---	*	*	---	*	---	---	---	Haiti	
---	---	*	---	---	---	---	---	---	---	---	---	---	
---	---	---	†	---	---	---	---	---	---	---	---	---	
---	---	---	†	---	---	†	---	†	---	---	---	Guadalupe ..	
---	---	---	---	†	---	---	---	†	†	---	---	Old Provid'ce	
---	---	---	---	---	---	---	*	*	---	---	---	Yucatan....	
---	---	---	---	---	---	---	*	†	---	---	---	Culebra	P. Pliocene.
†	---	---	---	---	---	†	---	†	---	---	---	Bequia	
---	---	†	---	†	---	†	---	†	†	---	---	Barbados....	
---	---	---	†	---	---	---	---	†	---	---	---	St. Vincent ..	
---	---	---	---	---	---	†	---	---	---	---	---	Cuba	
---	---	---	---	---	---	†	---	†	---	---	---	Santa Cruz ..	
---	---	---	†	†	---	---	---	---	---	---	---	Florida Str..	
---	---	---	---	---	---	†	---	†	---	---	---	Cuba	
---	---	---	†	---	---	---	---	†	---	---	---	Dominica	
---	---	---	---	---	---	---	---	---	---	---	---	Rhode Island	P. Pliocene.
---	---	†	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	---	---	---	---	†	---	†	---	---	---	Bequia	
†	---	---	---	---	---	---	---	---	---	---	---	---	
---	---	---	---	---	†	†	---	†	---	---	---	Florida Str ..	P. Pliocene.
†	---	†	---	---	---	---	---	---	---	---	---	Hatteras	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
245	<i>Pleurotomella Agassizii</i> V. & S.	60	67, 71	31.0	$\frac{33}{1608}$	Rhode Island
246	var. <i>Sandersoni</i> Verrill .....	.....	.....	.....	$\frac{1239}{2033}$	Gulf of Maine
247	var. <i>mexicana</i> Dall	11	14	8.5	$\frac{202}{640}$	Gulf of Mex.
248	<i>P. Edgariana</i> Dall	36	6	58.0	205	.....
249	<i>P. Pandionis</i> Verrill	60	69	43.0	$\frac{318}{319}$	Rhode Island
250	<i>P. Emertonii</i> Verrill & Smith	$\left\{ \begin{array}{l} 10 \\ 60 \end{array} \right.$	$\left\{ \begin{array}{l} 9 \\ 74 \end{array} \right.$	$\left\{ \begin{array}{l} 34.0 \end{array} \right.$	$\frac{1917}{2393}$	Chesapeake .
251	<i>P. tincta</i> Verrill	46	4	22.0	$\frac{2512}{2574}$	Virginia
252	<i>P. chariessa</i> Watson	46	3	52.0	$\frac{350}{1710}$	N. Atlantic ..
253	var. <i>phalera</i> Dall .....	.....	.....	38.0	731	Cape Fear...
254	var. <i>aresta</i> Dall .....	.....	.....	28.0	731	Cape Fear...
255	var. <i>tellea</i> Dall .....	.....	.....	29.0	731	Cape Fear...
256	<i>P. filifera</i> Dall	12	9	17.5	331	Gulf of Mex .
257	<i>P. Frielei</i> Verrill	46	5	22.0	$\frac{1198}{1198}$	Delaware ...
258	<i>P. hadria</i> Dall .....	.....	.....	27.0	$\frac{107}{1197}$	Cape Fear...
259	<i>P. Bairdii</i> Verrill	60	68	55.0	$\frac{244}{2221}$	Rhode Island
260	<i>P. Lottæ</i> Verrill	46	7	11.5	1525	Delaware ...
? Section GYMNOBELA Verrill.						
261	<i>P. extensa</i> Dall	10	2	12.2	$\frac{640}{1000}$	N. Atlantic ..
262	<i>P. vitrea</i> Verrill	46	6	8.0	$\frac{324}{324}$	Delaware ...
263	<i>P. Blakeana</i> Dall	$\left\{ \begin{array}{l} 10 \\ 46 \end{array} \right.$	$\left\{ \begin{array}{l} 1 \\ 8 \end{array} \right.$	$\left\{ \begin{array}{l} 8.0 \end{array} \right.$	$\frac{100}{1608}$	Gulf of Maine
264	var. <i>agria</i> Dall .....	.....	.....	10.0	1685	Chesapeake .
265	<i>P. curta</i> Verrill .....	.....	.....	16.0	$\frac{843}{1917}$	Rhode Island
266	<i>P. tornata</i> V. var. <i>Malmii</i> Dall .....	.....	.....	5.0	$\frac{805}{1235}$	Gulf of Maine
267	<i>P. engonia</i> Verrill .....	.....	.....	17.0	$\frac{906}{1608}$	Gulf of Maine
Subgenus <i>Taranis</i> Jeffreys.						
268	<i>T. cirrata</i> Brugnone .....	.....	.....	6.0	$\frac{134}{806}$	Norway
Genus SPIROTROPIS G. O. Sars.						
269	<i>S. ephamilla</i> Verrill .....	.....	.....	.....	$\frac{1917}{2221}$	Chesapeake .
Family CANCELLARIIDÆ.						
Genus CANCELLARIA Lam.						
Subgenus <i>Cancellaria</i> s. s.						
270	<i>C. reticulata</i> Linné .....	.....	.....	.....	30	Hatteras
271	<i>C. Conradiana</i> Dall .....	.....	.....	.....	.....	Gulf of Mex .
Subgenus <i>Trigonostoma</i> Blainville.						
272	<i>T. tenera</i> Philippi .....	.....	.....	.....	.....	Gulf of Mex .
273	<i>T. Smithii</i> Dall	37	1	10.5	$\frac{23}{23}$	Hatteras
274	<i>T. Agassizii</i> Dall	35	4	13.5	$\frac{12}{12}$	C. Lookout..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
†	--	†	--	----	----	----	----	----	----	----	----	Cape Fear...	Pliocene.
?†	--	----	----	----	----	----	----	----	----	----	----	N. lat. 35½°	
----	--	----	----	----	----	†	†	†	----	----	----	Martinique..	
----	--	----	----	----	----	----	----	†	----	----	----	Curacoa....	
?†	--	----	----	----	----	----	----	----	----	----	----	----	
†	--	----	----	----	----	----	----	†	----	----	----	Santa Cruz..	
----	†	----	----	----	----	----	----	----	----	----	----	N. lat. 36°	
†	--	†	--	----	----	----	----	†	----	†	----	St. Vincent..	
----	--	†	----	----	----	----	----	----	----	----	----	----	
----	--	†	----	----	----	----	----	----	----	----	----	----	
----	--	†	----	----	----	†	----	----	----	----	----	----	
----	--	†	----	----	----	†	----	----	----	----	----	N. lat. 39° 33'	
†	--	----	----	----	----	----	----	----	----	----	----	Gulf of Mex	
†	--	----	----	----	----	----	----	----	----	----	----	Delaware....	
----	--	----	----	----	----	†	†	†	----	----	----	Yucatan.....	Pliocene.
†	--	----	----	----	----	----	----	----	----	----	----	----	
†	†	†	--	----	----	†	----	†	----	----	----	Santa Cruz..	
†	--	----	----	----	----	----	----	†	----	----	----	Guadalupe ..	
†	†	†	--	----	----	----	----	----	----	----	----	Hatteras	
----	--	----	----	----	†	----	----	†	----	----	----	Gulf of Mex	
?†	--	----	----	----	----	----	----	----	----	----	----	Rhode Island	
----	--	†	--	†	----	----	----	†	----	†	----	Florida Str..	
†	†	----	----	----	----	----	----	----	----	----	----	----	
----	--	*	*	*	*	*	----	*	----	----	----	Guadalupe ..	P. Pliocene.
----	--	----	----	----	----	*	----	----	----	----	----	----	Pliocene.
----	--	----	----	----	*	----	*	*	----	----	----	Yucatan	Pliocene.
----	--	*	----	----	----	----	----	----	----	----	----	C. Lookout..	Pliocene.
----	--	*	----	----	*	*	----	----	----	----	----	Key West....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lou.	Range in depth.	Northern extreme range.
Genus ADMETE Moller.						
275	A. ? microscopica Dall.....	.....	.....	.....	$\frac{200}{780}$	Fernandina ..
276	A. ? nodosa Verrill	46	9	12.0	$\frac{816}{924}$	Delaware ...
Genus BENTHOBIA Dall.						
277	B. Tryoni Dall	35	6	13.0	731	Cape Fear...
<i>Superfamily RHACHIGLOSSA.</i>						
Family OLIVIDÆ.						
Genus OLIVA Bruguière.						
278	O. reticularis Lamarck .....	.....	.....	.....	$\frac{0}{73}$	Key West ...
279	O. literata Lamarck	34	8, 8'	60.0	$\frac{0}{2}$	Hatteras
Genus OLIVELLA Swainson.						
280	O. mutica Say	34	1, 2	13.0	.....	.....
281	O. nivea Gmelin .....	.....	.....	.....	$\frac{0}{8}$	Sarasota
282	O. jaspidea Gmelin .....	.....	.....	.....	$\frac{27}{803}$	Hatteras
283	var. fuscocincta Dall .....	.....	.....	.....	$\frac{56}{250}$	Florida Keys.
284	O. bullula Reeve .....	.....	.....	.....	$\frac{72}{164}$	Hatteras
285	O. ——— .....	.....	.....	.....	.....	Key West ...
286	O. floralia Duclos.....	.....	.....	.....	.....	Hatteras
Family MARGINELLIDÆ.						
Genus MARGINELLA Lamarck.						
287	M. carnea Storer .....	.....	.....	.....	.....	Charlotte H.
288	M. Storeria Couthouy.....	.....	.....	.....	.....	Gulf of Mex
289	M. oblonga Swainson .....	.....	.....	.....	.....	Florida Keys.
290	M. guttata Dillwyn .....	.....	.....	.....	.....	Hatteras
291	M. cassis Dall	35	8	15.0	101	Florida Keys.
292	M. limatula Conrad .....	.....	.....	.....	.....	Hatteras
293	M. apicina Menke .....	.....	.....	.....	.....	Hatteras
294	var. borealis Verrill.....	{ 44 61	{ 4 79	14.0	$\frac{64}{100}$	Rhode Island
295	M. pellucida Pfeiffer .....	.....	.....	.....	.....	Sarasota
296	M. nivosa Hinds .....	.....	.....	.....	.....	Key West ...
297	M. Watsoni Dall	{ 19 38	{ 3 2	{ 9.5 9.5	{ $\frac{220}{803}$	Gulf of Mex.
298	M. cineracea Dall	42	6	13.0	$\frac{224}{781}$	Cape Fear...
299	M. hæmatita Kiener .....	.....	.....	.....	$\frac{37}{170}$	Gulf of Mex.
300	M. fusina Dall	19	4	8.0	$\frac{224}{610}$	Fernandina ..
301	M. yucatecana Dall	19	5	5.62	$\frac{125}{610}$	Florida Str..
302	M. virginiana Conrad .....	.....	.....	.....	$\frac{10}{294}$	Chesapeake ..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
			†				†	†				Yucatan.....	
†													
		†											
					* ?			*†	*			Brazil.....	Pliocene.
		*	*	*	*	*	*					Key West...	Pliocene.
		*		*	*	*	*	*	*			Trinidad....	Pliocene.
					*	*		*	*			Haiti.....	
		*	*	*	*†	*	*	*†	*			Brazil.....	Pliocene.
					*			*†				Barbados....	
		†			†			†	*			Brazil.....	P. Pliocene.
					*			*				Brazil.....	
		*		*	*	*		*	*			Tortola.....	
					*	*		*				Rum Cay....	
						*		*				Aspinwall...	
					*			*				Yucatan....	
		*			*			*				Swan Island.	
						†		†				Cuba.....	
		*										C. Lookout..	Miocene.
		*		*	*	*	*	*				Jamaica....	Pliocene.
†		†										Cape Fear...	
					*	*		*				St. Thomas..	
					†			*				Jamaica....	
				†	†	†						Yucatan....	
		†	††									Fernandina..	
					*			†				Grenada....	
			†					†				Yucatan....	
					†							Yucatan....	
		*	†		*	*						Yucatan....	Miocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
303	<i>Marginella amabilis</i> Redfield .....	.....	.....	.....	$\frac{79}{125}$	Florida Keys.
304	M. ——— .....	.....	.....	.....	.....	Hatteras
305	M. <i>bella</i> Conrad .....	.....	.....	.....	.....	Hatteras
306	M. <i>margarita</i> Kiener .....	.....	.....	.....	294	Georgia
307	M. ——— .....	.....	.....	.....	294	Fernandina ..
308	M. ——— .....	.....	.....	.....	294	Fernandina ..
309	M. <i>fauna</i> Sowerby .....	.....	.....	.....	.....	Florida Keys
310	M. <i>microgonia</i> Dall .....	.....	.....	.....	294	Fernandina ..
311	M. <i>denticulata</i> Conrad .....	.....	.....	.....	$\frac{5}{294}$	Hatteras
312	var. <i>opalina</i> Stearns .....	.....	.....	.....	0	Tampa
313	M. <i>aureocincta</i> Stearns .....	.....	.....	.....	$\frac{34}{4}$	Chesapeake ..
314	M. <i>seminula</i> Dall	19	2	7.0	$\frac{294}{640}$	Fernandina ..
315	M. ——— .....	.....	.....	.....	.....	Tampa
316	M. <i>minuta</i> Pfeiffer .....	.....	.....	.....	$\frac{5}{294}$	Fernandina ..
317	M. <i>minima</i> Guilding .....	.....	.....	.....	$\frac{0}{22}$	C. Lookout ..
318	M. <i>Redfieldii</i> Tryon .....	.....	.....	.....	229	Florida Str ..
319	M. <i>fusca</i> Sowerby .....	.....	.....	.....	$\frac{37}{63}$	C. Lookout ..
320	M. <i>succinea</i> Conrad	19	6	12.0	$\frac{700}{1000}$	Fernandina ..
321	M. <i>styria</i> Dall .....	.....	.....	.....	$\frac{54}{29}$	Georgia
322	M. <i>tortricula</i> Dall .....	.....	.....	.....	$\frac{152}{229}$	Fernandina ..
Section VOLVARINA Hinds.						
323	M. <i>avena</i> Valenciennes .....	.....	.....	.....	$\frac{10}{308}$	Key West ..
324	M. <i>albolineata</i> Orbigny .....	.....	.....	.....	$\frac{80}{100}$	Key West
325	M. <i>subtriplicata</i> Orbigny .....	.....	.....	.....	111	Key West
326	M. <i>lactea</i> Kiener .....	.....	.....	.....	10	Tortugas
327	M. <i>pallida</i> Donovan .....	.....	.....	.....	$\frac{10}{170}$	Tortugas
Subgenus <i>Persicula</i> Schumacher.						
328	P. <i>catenata</i> Montagu .....	.....	.....	.....	$\frac{3}{2}$	Turtle Harb.
329	var. <i>pulcherrima</i> Gaskoin .....	.....	.....	.....	0	Florida Keys
330	P. ——— .....	.....	.....	.....	294	Fernandina ..
Subgenus <i>Volutella</i> Swainson.						
331	V. <i>lacrimula</i> Gould .....	.....	.....	.....	$\frac{0}{100}$	Hatteras
332	V. <i>hadria</i> Dall .....	.....	.....	.....	.....	Cedar Keys..
333	V. <i>amianta</i> Dall .....	.....	.....	.....	$\frac{1}{2}$	C. Lookout..
334	V. <i>ovuliformis</i> Orbigny .....	.....	.....	.....	.....	Cape Fear...
Family VOLUTIDÆ.						
Genus <i>VOLUTA</i> Linné.						
335	V. <i>virescens</i> Solander .....	.....	.....	.....	.....	Texas

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	†	†	Sombrero....	Miocene.
.....	"	Cape Fear...	
.....	"	Cape Fear...	Miocene.
.....	†	†	*	Haiti	
.....	†	
.....	†	
.....	"	*	Curacoa....	
.....	Cuba.....	
.....	†	†	*	*	†*	Barbados....	Miocene.
.....	*	*	Key West ...	Pliocene.
.....	*	*	*	*	*	Gulf of Mex ..	Pliocene.
.....	?	†	†	Yucatan	
.....	*	Gulf of Mex ..	
.....	*	*	†*	*	*	Barbados....	Miocene.
.....	*	*	*	*	Haiti	
.....	†*	*	Cuba.....	
.....	†	†	*	*	*	St. Thomas..	
.....	†*	*†	†	Sombrero....	
.....	†	Sombrero....	Pliocene.
.....	N. lat. 24° ..	
.....	*	*†	†*	*	Aspinwall...	Pliocene.
.....	*	†	*	Barbados....	
.....	*†	*	Tortola	
.....	*	*	Tortola	
.....	*†	*	*	Tortola	Pliocene.
.....	*	*†	Brazil	
.....	*	*	St. Thomas..	
.....	
.....	
.....	*†	†	†*	*†	*	Florida Str..	
.....	*	Charlotte H	
.....	†*	*	Fernandina ..	Pliocene.
.....	*	*	*	*	Guadalupe ..	Pliocene.
.....	
.....	*	*	Carthagena ..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus SCAPHELLA Swainson.						
336	<i>S. Junonia</i> Hwass.....	34	5a-e	95.0	$\frac{10}{30}$	C. Lookout..
Subgenus <i>Aurinia</i> H. & A. Adams.						
337	<i>A. dubia</i> Broderip .....	.....	.....	.....	$\frac{34}{168}$	Hatteras
338	<i>A. Gouldiana</i> Dall	29	3	69.0	$\frac{50}{509}$	Cape Fear...
339	<i>A. robusta</i> Dall	35	2	119.0	$\frac{118}{286}$	Tampa
Family TURBINELLIDÆ.						
Genus TURBINELLA Lamarck.						
Subgenus <i>Cynodonta</i> Schumacher.						
340	<i>C. muricata</i> Born .....	.....	.....	.....	?	Florida Keys
341	<i>C. capitellum</i> Linné .....	.....	.....	.....	.....	Florida Keys?
Family MITRIDÆ.						
Genus MITRA Lamarck.						
342	<i>M. barbadensis</i> Gmelin.....	.....	.....	.....	.....	Key West....
343	<i>M. nodulosa</i> Gmelin.....	.....	.....	.....	.....	Fort Macon..
344	<i>M. Dupontii</i> Kiener.....	.....	.....	.....	.....	Florida Keys
345	<i>M. sulcata</i> Gmelin.....	.....	.....	.....	.....	Jupiter Inlet
346	<i>M. puella</i> Reeve .....	.....	.....	.....	.....	C. Lookout..
347	<i>M. albocincta</i> C. B. Adams .....	.....	.....	.....	.....	Key West ...
348	<i>M. Hanleyi</i> Dohrn .....	.....	.....	.....	.....	Florida Keys
349	var. <i>gemmata</i> Sowerby.....	.....	.....	.....	.....	Charlotte H.
350	<i>M. floridana</i> Dall	48	5	6.0	.....	Marco
351	<i>M. Swainsoni</i> Brod. var. <i>antillensis</i> Dall.	38	7	80.0	$\frac{17}{171}$	C. Lookout..
352	<i>M. straminea</i> A. Adams .....	.....	.....	.....	84	Gulf of Mex.
353	<i>M. fulgurita</i> Reeve .....	.....	.....	.....	$\frac{73}{176}$	Cape Florida
354	<i>M. styria</i> Dall	15	6	19.0	$\frac{73}{333}$	Cape Florida
355	<i>M. wandoensis</i> Holmes.....	.....	.....	.....	$\frac{14}{16}$	Hatteras
356	<i>M. Bairdii</i> Dall	42	7	35.0	528	Lat. 32° 24'..
357	<i>M. torticula</i> Dall	15	8	12.2	400	Florida Str..
Subgenus <i>Conomitra</i> Conrad.						
358	<i>C. Blakeana</i> Dall.....	.....	.....	.....	640?	Gulf of Mex.
359	var. <i>lævior</i> Dall	35	10	9.75	$\frac{80}{300}$	Gulf of Mex.
Genus MITROMORPHA Adams.						
360	<i>M. biplicata</i> Dall.....	35	1	7.0	$\frac{100}{194}$	Fernandina ..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	*	---	---	*	*	---	---	---	---	---	Florida Str..	P. Pliocene.
---	---	†	---	---	*	*	---	---	---	---	---	Cape Florida	
---	---	†	†	†	†	---	---	---	---	---	---	Key West ...	
---	---	---	---	---	---	†	---	†	---	---	---	Cnba.....	
---	---	---	---	---	*	---	---	*	---	---	---	Guadalupe ..	
---	---	---	---	---	?	---	---	*	---	---	---	Curacao....	
---	---	---	---	---	*	---	---	---	---	---	---	Barbados....	
---	---	*	---	---	---	---	---	*	---	---	---	Darien	
---	---	---	---	---	---	---	---	?	---	---	---	?	
---	---	---	---	*	*	---	---	*	---	---	---	St. Thomas..	
---	---	†	---	---	*	---	---	*	---	---	---	Guadalupe ..	
---	---	---	---	---	*	---	---	*	---	---	---	St. Thomas..	
---	---	---	---	---	*	---	---	*	---	---	---	Haiti.....	
---	---	---	---	---	*	*	---	*	---	---	---	Jamaica....	
---	---	---	---	---	*	---	---	---	---	---	---	Key West ...	
---	---	†	---	---	---	---	---	†	---	---	*	Grenada.....	Pliocene. ?
---	---	---	---	---	---	†	---	---	---	---	---	?	
---	---	---	---	---	†	---	---	---	---	---	---	Barbados....	
---	---	---	---	---	†	†	---	†	---	---	---	Barbados....	Miocene.
---	---	†*	---	---	†	*	---	†	---	---	---	Florida Str..	Pliocene.
---	---	†	---	---	---	---	---	---	---	---	---	?	
---	---	---	---	---	†	---	---	†	---	---	---	Cuba.....	
---	---	---	---	---	---	---	†	†	---	---	---	Yucatan	Miocene.
---	---	---	---	---	†	---	---	†	---	---	---	Yucatan	
---	---	---	†	---	---	---	---	†	---	---	---	Barbados....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family FASCIOLARIIDÆ.						
Genus FASCIOLARIA Lamarck.						
361	<i>F. gigantea</i> Kiener .....	.....	.....	.....	10	Hatteras
362	<i>F. tulipa</i> Linné .....	.....	.....	.....	10	Hatteras
363	<i>F. distans</i> Lamarck .....	.....	.....	.....	84	Hatteras
Subgenus Mesorhytis Meek.						
364	<i>M. Meekiana</i> Dall	36	7	15.5	200	Gulf of Mex.
Genus FULGUR Montfort.						
365	<i>F. pyrum</i> Dillwyn .....	.....	.....	80.0	80	Hatteras
366	<i>F. canaliculata</i> Say	73	1	250.0	.....	Cape Cod
367	<i>F. perversa</i> Linné .....	.....	.....	375.0	9	Hatteras
368	var. <i>coarctata</i> Sowerby .....	.....	.....	112.0	.....	Florida
369	<i>F. carica</i> Linné	74	1	200.0	10	Cape Cod
370	<i>F. eliceans</i> Montfort .....	.....	.....	100.0	9	S. Carolina..
Genus MELONGENA.						
371	<i>M. corona</i> Gmelin .....	.....	.....	75.0	9	Gulf of Mex.
372	<i>M. melongena</i> Linné .....	.....	.....	100.0	80	Florida Keys.
Genus LATIRUS Montfort.						
Subgenus Leucozonia Gray.						
373	<i>L. cingulifera</i> Lamarck .....	.....	.....	.....	.....	Sarasota
374	<i>L. ocellata</i> Gmelin .....	.....	.....	.....	.....	Cedar Keys..
Subgenus Latirus s. s.						
375	<i>L. brevicandatus</i> Lamarck .....	.....	.....	.....	.....	Florida Str ..
376	<i>L. cayohuesonicus</i> Sowerby .....	.....	.....	.....	.....	Key West ...
377	<i>L. infundibulum</i> Gmelin .....	.....	.....	.....	.....	Tortugas
Subfamily Fusinæ.						
Genus FUSUS Lamarck.						
378	<i>F. timesus</i> Dall .....	.....	.....	88.0	274	Cedar Keys..
379	<i>F. eucosmius</i> Dall	35	5	85.0	111	Cedar Keys..
380	<i>F. Conei</i> Petit .....	.....	.....	.....	29	Charlotte H ..
381	<i>F. halistreptus</i> Dall	35	7	80.0	338	Florida Str ..
382	<i>F. Schrammii</i> Crosse .....	.....	.....	.....	407	Cape Fear ...
383	<i>F. benthalis</i> Dall	15	10	15.0	1002	Florida Keys.
384	<i>F. ———</i> .....	.....	.....	.....	.....	Florida Str..
385	<i>F. amiantus</i> Dall	15	11	17.0	805	Gulf of Mex.
386	<i>F. apynotus</i> Dall .....	.....	.....	24.0	14	Gulf of Mex.

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	*	*	*	*	*	Florida Keys	
.....	*	*	*	*	*	*	*	Carthagenæ	
.....	*	*	*	*	*	*	?	Yucatan	.....
.....	†	†	†	Cuba	.....
.....	*†	*	*	*	*	*	Gulf of Mex.	P. Pliocene.
*	*	*	*	*	*	*	Gulf of Mex.	
.....	*	*	*	*	*	*	*	Cuba	P. Pliocene.
.....	*?	Gulf of Mex.	
*	*	*	*†	*	*	*	*	*	St. Thomas	Miocene.
.....	*	*	*	*	*	Campeche	.....
.....	*	*	*	*	Guadalupe	.....
.....	*	*	*	?	N. Grenada	.....
.....	*	*	*	*	*	Brazil	.....
.....	*	*	*	*	*	Guadalupe	.....
.....	*	*	Brazil	.....
.....	*	*	Swan Islands	.....
.....	*	*	?	Santa Lucia	.....
.....	†	*†	†	S. of Cuba	Pliocene?
.....	*†	*†	†	Barbados	.....
.....	*	*	C. Romano	.....
.....	Bahamas	.....
.....	†	Guadalupe	.....
.....	*†	*†	Sombrero	.....
.....	Cuba	.....
.....	Cuba	.....
.....	Sombrero	.....

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
387	<i>Fusus alcimus</i> Dall .....	.....	.....	15.0	95	Gulf of Mex.
388	var. <i>Rushii</i> Dall.....	.....	.....	8.5	200	Florida Str..
389	<i>F. ampliurgus</i> Dall .....	.....	.....	14.0	101	Gulf of Mex.
Family BUCCINIDÆ.						
Genus BUCCINUM Linné.						
390	<i>B. undatum</i> Linné.....	72	12	50.0	$\frac{6}{650}$	Arctic Sea...
391	<i>B. abyssorum</i> Verrill.....	61	80	43.0	$\frac{148}{1389}$	N. lat. 42° ...
Genus CHRYSODOMUS Swainson.						
Subgenus Siphon Mörch.						
392	<i>S. islandicus</i> Linné.....	.....	.....	.....	$\frac{32}{1650}$	Arctic Sea...
393	<i>S. Stimpsoni</i> Mörch	72	11	75.0	$\frac{16}{319}$	Arctic Sea...
394	<i>S. pubescens</i> Verrill.....	.....	.....	60.0	$\frac{12}{640}$	Nova Scotia.
395	<i>S. ———</i> .....	.....	.....	.....	528	Hatteras
396	<i>S. pygmaeus</i> Gould	48 50	9 4	.....	$\frac{10}{640}$	Nova Scotia.
397	var. <i>plannulus</i> Verrill .....			.....	.....	Rhode Island
398	<i>S. Sarsii</i> Jeffreys.....	61	81	40.0	$\frac{273}{2033}$	Rhode Island
399	<i>S. obesus</i> Verrill .....	.....	.....	25.0	$\frac{294}{243}$	Hatteras
400	<i>S. glyptus</i> Verrill	61	82	30.0	$\frac{193}{966}$	Rhode Island
401	<i>S. cælatus</i> Verrill .....	.....	.....	30.0	$\frac{75}{731}$	Rhode Island
402	<i>S. Bocagei</i> Fischer.....	.....	.....	21.0	1121	Spain
403	<i>S. Rushii</i> Dall .....	.....	.....	11.0	$\frac{193}{294}$	Fernandina..
Section MOHNIA Friele.						
404	<i>S. simplex</i> Verrill .....	.....	.....	14.0	$\frac{22}{843}$	Gulf of Maine
405	<i>S. hispidulus</i> Verrill .....	.....	.....	7.5	2033	Gulf of Maine
Section PTYCHOSALPINX Gill.						
406	<i>S. globulus</i> Dall	35	12	31.0	$\frac{338}{966}$	Florida Str..
Genus JUMALA Friele.						
407	<i>J. brychia</i> Verrill.....	46	10, a	41.0	$\frac{294}{2874}$	N. lat. 36½° ..
Genus LIOMESUS Stimpson.						
408	<i>L. Stimpsoni</i> Dall.....	35	11	32.5	$\frac{149}{247}$	S. Carolina..
Genus PISANIA Bivona.						
409	<i>P. variegata</i> Gray .....	.....	.....	.....	.....	Florida Keys.
410	<i>P. pusio</i> Linné .....	.....	.....	.....	.....	Key West ...

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	†	Yucatan.....	
.....	†	†	Bahamas.....	
.....	†	Florida Keys	
*	..	*?	*	Charleston H	Pliocene.
*	..	†	Hatteras	
†	†	†	*†	S. Carolina..	P. Pliocene.
†	†	†	Hatteras	
†	†	†	S. Carolina..	
.....	..	†	Savannah...	
†	†	†	Cape Fear...	
.....	..	†	Cape Fear...	
†	†	†	†	†	Fernandina .	
.....	..	†	†	Fernandina .	
?	†	Jamaica	
†	..	†	Cape Fear...	
†	?	†	Africa.....	
.....	†	†	†	†	Florida Str..	
.....	..	†	Hatteras	
?†	
.....	†	†	†	Jamaica	
.....	†	†	†?	St. Kitts?...	
.....	..	†	S. Carolina..	Pliocene.
.....	*	*	*	Trinidad	
.....	*	*	Darien	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Subgenus Tritonidea Swainson.						
411	<i>T. tineta</i> Conrad.....	.....	.....	.....	.....	Hatteras
412	<i>T. cancellaria</i> Conrad.....	.....	.....	.....	.....	Jupiter Inlet
413	<i>T. Orbigny</i> Payraudeau .....	.....	.....	.....	$\frac{22}{25}$	Gulf of Mex.
414	<i>T. limbata</i> Philippi .....	.....	.....	.....	24	Gulf of Mex.
Genus PHOS Montfort.						
415	<i>P. Candei</i> Orbigny .....	.....	.....	.....	$\frac{125}{180}$	Hatteras
416	<i>P. parvus</i> C. B. Adams.....	48	6	13.2	$\frac{1}{5}$	Charlotte H.
Genus ENGINA Gray.						
417	<i>E. turbinella</i> Kiener .....	.....	.....	.....	.....	Key West ...
Genus NASSARIA Link.						
Subgenus Nassarina Dall.						
418	<i>N. Bushii</i> Dall.....	15	12	9.0	$\frac{15}{229}$	Sand Key ...
419	<i>N. glypta</i> Bush.....	41	5, a	5.5	$\frac{14}{3}$	Hatteras
420	<i>N. columbellata</i> Dall .....	.....	.....	12.2	124	Gulf of Mex.
421	<i>N. Grayi</i> Dall	32	12a	12.0	$\frac{73}{30}$	Gulf of Mex.
Family NASSIDÆ.						
Genus NASSA Lamarck.						
422	<i>N. trivittata</i> Say	{ 48 50	{ 13 7	.....	$\frac{3}{5}$	Nova Scotia ..
423	<i>N. obsoleta</i> Say	50	9	.....	.....	Nova Scotia ..
424	<i>N. vibex</i> Say	50	8	.....	$\frac{3}{5}$	Cape Cod ...
425	<i>N. acuta</i> Say .....	.....	.....	.....	.....	N. Carolina..
426	<i>N. ambigua</i> Montagu .....	.....	.....	.....	$\frac{0}{191}$	C. Lookout ..
427	<i>N. consensa</i> Ravenel.....	.....	.....	.....	$\frac{5}{50}$	Hatteras
428	<i>N. Hotessieri</i> Orbigny .....	.....	.....	.....	$\frac{30}{8}$	Hatteras
429	<i>N. scissurata</i> Dall .....	.....	.....	.....	$\frac{56}{140}$	Florida Str ..
Family COLUMBELLIDÆ.						
Genus COLUMBELLA Lamarck.						
430	<i>C. mercatoria</i> Lamarck.....	.....	.....	.....	$\frac{0}{10}$	C. Lookout ..
431	<i>C. rusticoides</i> Heilprin .....	.....	.....	.....	.....	Cedar Keys..
Subgenus Anachis Adams.						
432	<i>A. avara</i> Say	50	12	.....	.....	Mass. Bay ...
433	var. <i>semiplicata</i> Stearns.....	.....	.....	.....	.....	Cedar Keys..
434	var. <i>translirata</i> Ravenel.....	.....	.....	.....	.....	New York ...
435	var. <i>similis</i> Ravenel.....	.....	.....	.....	.....	C. Lookout ..
436	<i>A. haliæti</i> Jeffreys.....	.....	.....	.....	$\frac{30}{640}$	N. Atlantic ..

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
437	<i>Anachis albella</i> C. B. Adams .....	.....	.....	.....	.....	Cape Fear...
438	<i>A. samanensis</i> Dall .....	.....	.....	.....	.....	Turtle Harb.
439	<i>A. pulchella</i> Kiener .....	.....	.....	.....	.....	Key West...
440	<i>A. obesa</i> C. B. Adams .....	.....	.....	.....	.....	Hatteras....
441	<i>A. Hotessieriana</i> Orbigny .....	.....	.....	.....	.....	Tampa.....
442	<i>A. amphissella</i> Dall	19	10c	4.0	$\frac{294}{413}$	Fernandina..
443	var. <i>Rushii</i> Dall .....	.....	.....	.....	$\frac{294}{463}$	Fernandina..
	Subgenus Nitidella Swainson.					
444	<i>N. nitidula</i> Sowerby .....	.....	.....	.....	.....	Jupiter Inlet.
445	<i>N. cribraria</i> Lamarck .....	.....	.....	.....	.....	Key West...
446	<i>N. lævigata</i> Linné .....	.....	.....	.....	.....	Florida Keys
447	<i>N. parvula</i> Dunker .....	.....	.....	.....	.....	Gulf of Mex..
448	<i>N. moleculina</i> Duclos .....	.....	.....	.....	.....	Florida Keys
449	var. <i>dicomata</i> Dall .....	.....	.....	.....	.....	Key West...
	Subgenus Astyris Adams.					
450	<i>A. lunata</i> Say	50	17	.....	$\frac{0}{12}$	Cape Ann...
451	var. <i>Duclosiana</i> Orbigny .....	.....	.....	.....	$\frac{0}{63}$	Hatteras....
452	<i>A. pura</i> Verrill	50	13f	.....	$\frac{111}{123}$	Rhode Island
453	<i>A. Raveneli</i> Dall .....	.....	.....	.....	$\frac{124}{203}$	Hatteras....
454	<i>A. multilineata</i> Dall .....	.....	.....	.....	$\frac{202}{202}$	C. Lookout..
455	<i>A. diaphana</i> Verrill	35	9	9.0	$\frac{44}{457}$	Rhode Island
456	<i>A. rosacea</i> Gould	69	1	.....	$\frac{5}{50}$	Arctic Seas..
457	<i>A. fusiformis</i> Orbigny .....	.....	.....	.....	.....	Turtle Harb.
458	<i>A. Verrillii</i> Dall	19	8	9.0	$\frac{310}{308}$	Fernandina..
459	<i>A. profundus</i> Dall .....	.....	.....	.....	$\frac{304}{305}$	Hatteras....
	Subgenus Æsopus Gould.					
460	<i>Æsopus Stearnsii</i> Tryon	29	5	4.0	.....	Cape Fear...
	Subgenus Conidea Swainson.					
461	<i>C. ovulata</i> Lamarck .....	.....	.....	.....	.....	Florida Str..
	Family MURICIDÆ.					
	Subfamily <i>Muricina</i> .					
	Genus MUREX Linné.					
462	<i>M. Beaufisch.</i> & Bernardi .....	.....	.....	.....	$\frac{183}{183}$	Cedar Keys..
463	<i>M. Cabritii</i> Bernardi .....	.....	.....	.....	$\frac{184}{184}$	Hatteras....
464	<i>M. messorius</i> Reeve .....	.....	.....	.....	$\frac{2}{30}$	Cedar Keys..
	Subgenus Chicoreus Montfort.					
465	<i>C. rufus</i> Lamarck .....	.....	.....	.....	$\frac{3}{30}$	Cape Fear...
466	<i>C. brevifrons</i> Lamarck .....	.....	.....	.....	.....	S. Carolina..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	..	*	*	*	*	Jamaica.....	Pliocene.
.....	*	*	St. Thomas..	
.....	*	*	Barbados....	
.....	*	*	*	*	*	*	St. Thomas..	
.....	?	*	*	Guadalupe ..	
.....	†	*	Yucatan	
.....	†	†	Florida Str..	
.....	*	*	*	*	Barbados....	
.....	*	*	*	Barbados....	
.....	*	*	*	Aspinwall...	
.....	*	*	Barbados....	Pliocene.
.....	*	Key West...	
.....	*	Florida Str..	
*	*	*	..	*	*	*	Turtle Harb.	
.....	†	*	*	*	*	*	Barbados....	
†	*	Hatteras	
.....	†	†	Fowey Rocks	
.....	*†	†	Cape Florida	
†	†	Gulf of Mex .	
?†	*	*	New York...	
.....	*	*	Barbados....	Pliocene.
.....	†	†	†	Pernambuco.	
.....	†	†	*	Aspinwall...	
.....	*	*	Tampa Bay..	
.....	?	*	Barbados....	
.....	
.....	
.....	
.....	
.....	
.....	
.....	*	*	*	*	Carthagena .	Pliocene.
.....	*	*	*	*	Carthagena .	Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Subgenus Phyllonotus Swainson.						
467	<i>P. pomum</i> Gmelin	16	2	15.0	.....	Beaufort, N.C.
468	<i>P. fulvescens</i> Sowerby .....	.....	.....	.....	.....	Hatteras
469	<i>P. Pazi</i> Crosse	15	1	32.0	$\frac{220}{338}$	Florida Str..
470	<i>P. hystericinus</i> Dall	16	4	21.0	$\frac{148}{234}$	Cuba
Subgenus Pteronotus Swainson.						
471	<i>P. macropterus</i> Deshayes .....	.....	.....	.....	6.3	Hatteras
472	<i>P. phanens</i> Dall	42	1	17.0	$\frac{294}{334}$	Fernandina..
473	<i>P. tristichus</i> Dall	15	3	15.5	$\frac{152}{450}$	Florida Str..
Genus EUPLEURA Adams.						
474	<i>E. candata</i> Say	50	11	.....	$\frac{1}{3}$	Cape Cod....
475	<i>E. Stimpsoni</i> Dall	42	3	12.0	$\frac{100}{294}$	Fernandina..
Genus TROPHON Montfort.						
Subgenus Boreotrophon Fischer.						
476	<i>B. vaginatus</i> C. & J .....	.....	.....	.....	843	N. Atlantic..
477	<i>B. abyssorum</i> Verrill .....	.....	.....	8.0	$\frac{843}{2033}$	Rhode Island
478	<i>B. lacunellus</i> Dall	15	4	41.0	$\frac{227}{469}$	Cape Fear...
479	<i>B. actinophorus</i> Dall	15	2	17.5	$\frac{140}{248}$	Santa Cruz ..
Subgenus Aspella Mörch.						
480	<i>A. hastula</i> Reeve .....	.....	.....	.....	14	Cape Fear...
481	<i>A. scalarioides</i> Blainville .....	.....	.....	.....	.....	Mediterran'n
482	var. <i>paupercula</i> C. B. Adams .....	.....	.....	.....	.....	West Florida
483	var. <i>obeliscus</i> A. Adams .....	.....	.....	.....	.....	Vera Cruz...
484	var. <i>lamellosa</i> Dunker .....	.....	.....	.....	.....	Florida Keys
Genus OCINEBRA Leach.						
485	<i>O. cellulosa</i> Conrad	16	1	12.0	$\frac{0}{14}$	C. Lookout..
486	var. <i>levicula</i> Dall .....	.....	.....	.....	$\frac{3}{2}$	C. Lookout..
487	<i>O. intermedia</i> C. B. Adams .....	.....	.....	.....	.....	Key West ...
Genus MURICIDEA Swainson.						
488	<i>M. hexagona</i> Lamarck .....	.....	.....	.....	25	Gulf of Mex.
489	<i>M. multangula</i> Philippi .....	.....	.....	.....	$\frac{0}{35}$	Cape Fear...
490	<i>M. floridana</i> Conrad .....	.....	.....	.....	$\frac{0}{13}$	St. Augustine
491	<i>M. Philippiana</i> Dall .....	.....	.....	.....	$\frac{0}{26}$	Key West ...
Genus UROSALPINX Stimpson.						
492	<i>U. cinereus</i> Say	50	6	28.0	$\frac{0}{10}$	Nova Scotia .
493	<i>U. perrugatus</i> Conrad .....	.....	.....	.....	.....	Cedar Keys .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	*	*	*	*	*	*	*	---	---	---	Venezuela...	Pliocene.
---	---	*	---	---	---	*	*	---	---	---	---	Texas	P. Pliocene.
---	---	---	---	†	†	---	---	†	---	---	---	Guadalupe ..	
---	---	---	---	---	---	---	---	†	---	---	---	Martinique..	
---	---	†	---	---	---	---	---	---	---	---	---	---	
---	---	---	†	---	---	---	---	---	---	---	---	St. Augustine	
---	---	---	---	---	†	---	---	†	---	---	---	Cuba	
*	*	*	*	*	*	*	---	---	*	---	?	Charlotte H.	Pliocene.
---	---	---	†	---	---	---	---	†	---	---	---	Barbados....	
---	---	†	---	---	---	---	---	†	---	*†	---	St. Kitts	Pliocene.
†	---	†	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	†	---	---	---	†	---	†	---	---	---	Dominica ...	
---	---	---	---	---	---	---	---	†	---	---	---	Barbados....	
---	---	*	---	---	---	---	---	---	---	---	---	Tropics	
---	---	---	---	---	---	---	---	---	*	---	---	Africa	
---	---	---	---	---	*	†	*	*	*	*	---	St. Thomas..	
---	---	---	---	---	---	---	*	*	---	---	---	St. Thomas..	
---	---	---	---	---	*	---	---	*	*	---	---	Cuba	
---	---	*	---	---	*	*	*	*	*	---	---	Sombrero ...	
---	---	*	---	---	*	*	---	*	*	---	---	Yucatan	
---	---	---	---	---	*	---	*	*	*	---	---	St. Thomas..	
---	---	---	---	---	*	---	*	*	---	*	---	St. Thomas..	Pliocene.
---	---	*	---	*	*	*	†*	*	---	---	---	Yucatan	Pliocene.
---	---	---	*	---	*	*	---	---	---	---	---	C. Romano...	
---	---	---	---	---	*	---	*	*	---	---	---	Yucatan	
*	*	*	*	---	---	*?	---	---	---	---	---	St. Augustine	Miocene.
---	---	---	---	---	*	*	---	---	---	---	---	Key West ...	Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
494	<i>Urosalpinx tampaensis</i> Conrad	---	---	---	---	Cedar Keys ..
495	<i>U. ? carolinensis</i> Verrill	---	---	15.0	$\frac{120}{938}$	Hatteras
496	<i>U. ? macra</i> Verrill	---	---	13.0	$\frac{85}{938}$	Hatteras
Genus TYPHIS Montfort.						
497	<i>T. longicornis</i> Dall	15 38	7 5	15.0 23.0	$\frac{127}{400}$	Gulf of Mex.
Subfamily <i>Purpurina</i> .						
Genus PURPURA Bruguière.						
498	<i>P. patula</i> Linné	---	---	---	---	Jupiter Inlet.
499	<i>P. lapillus</i> Linné	50	1, 2, 3	---	---	Norway
500	<i>P. hamastoma</i> Linné	34 46	3, 4 1a-2b	50.0	---	Hatteras
501	<i>P. deltoidea</i> Lamarek	---	---	---	---	Jupiter Inlet.
Genus SISTRUM Montfort.						
502	<i>S. roseum</i> Reeve	---	---	---	---	Gulf of Mex ..
503	<i>S. nodulosum</i> C. B. Adams	---	---	---	---	C. Romano ..
Subfamily <i>Coralliophilina</i> .						
Genus CORALLIOPHILA Adams.						
504	<i>C. Deburghiæ</i> Reeve	16 44	5 1	20.0 27.0	$\frac{56}{878}$	Hatteras
505	<i>C. abbreviata</i> Lamarek	---	---	---	$\frac{150}{100}$	Cape Fear...
506	<i>C. bracteata</i> Brocchi	---	---	---	$\frac{30}{30}$	Hatteras
507	<i>C. lactuca</i> Dall	16	6	11.0	$\frac{142}{332}$	Fernandina ..
Suborder STREPTODONTA.						
Superfamily PTENOGLOSSA.						
Genus SCALA Humphrey.						
508	<i>S. angulata</i> Say	---	---	---	---	Connecticut ..
509	<i>S. Sayana</i> Dall	50	10	---	---	Virginia
510	<i>S. tenuis</i> Sowerby	---	---	---	---	Gulf of Mex ..
511	<i>S. eburnea</i> Potiez & Michaud	---	---	---	---	Hatteras
512	<i>S. centiquadra</i> Mörch	---	---	---	---	Hatteras
513	<i>S. muscapedia</i> Dall	---	---	17.5	15	Cape Fear ..
514	<i>S. apiculata</i> Dall	---	---	5.0	$\frac{47}{50}$	Hatteras
515	<i>S. multistriata</i> Say	50	5	---	---	Cape Cod ...
516	<i>S. Pourtalesi</i> Verrill & Smith	61	92	17.5	$\frac{72}{351}$	Rhode Island
517	<i>S. contourquata</i> Dall	18	9	4.7	161	-----
518	<i>S. -----</i>	---	---	---	56	Florida Str..

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber- mu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	---	*	---	---	---	---	---	Sarasota	Pliocene.
---	---	†	---	---	*?	---	---	---	---	---	---	Key West ...	
---	---	†	---	---	†	---	---	---	---	---	---	Cape Florida	
---	---	---	---	---	†	---	---	†	---	---	---	Cuba	
---	---	---	---	*	*	*	*	*	*	---	*	Brazil	
*	---	---	---	---	---	---	---	---	---	*	---	New York...	
---	---	*	*	*	*	---	*	*	*	---	---	Trinidad ...	
---	---	---	---	*	*	*	*	*	*	*	---	St. Vincent .	
---	---	---	---	---	---	---	*	*	---	---	---	Barbados	
---	---	---	---	---	*	*	---	*	---	---	---	Aspinwall ...	
---	---	†	---	---	†	†	---	†	---	---	---	Barbados	Miocene.
---	---	*	---	---	*	*	---	*†	---	*	---	Tropics	Pliocene.
---	---	*	---	---	*	---	---	---	---	---	---	Key West ...	Pliocene.
---	---	---	†	---	†	---	---	†	---	---	---	Cuba	
*	*	*	*	---	*	*	*	---	*	*	---	Texas	
---	*	*	---	---	*	*	*	---	---	---	---	Key West ...	
---	---	---	---	---	*	---	*	*	*	---	---	St. Thomas..	Pliocene.
---	---	†	---	---	*	---	---	*	*	---	---	Barbados	
---	---	†	---	---	---	---	---	*	---	---	---	Yucatan	
---	---	*	---	---	---	---	---	---	---	---	---	Cape Fear ...	
*	---	*	---	---	---	---	---	---	---	---	---	S. Carolina..	Pliocene.
†	---	---	---	---	---	---	---	†	---	---	---	Sombrero	
---	---	---	---	---	---	---	---	†	---	---	---	Grenada	
---	---	---	---	†	---	---	---	*	---	---	---	Rum Cay	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth	Northern extreme range.
519	<i>Scala Dnnkeriana</i> Dall	.....	.....	.....	.....	Turtle Harb.
520	<i>S. nitidella</i> Dall	.....	.....	13.5	$\frac{33}{63}$	Hatteras
521	<i>S. ———</i>	.....	.....	.....	8	Cape Florida
522	<i>S. Friciei</i> Dall	.....	.....	4.75	$\frac{63}{107}$	Hatteras
523	<i>S. sericifila</i> Dall	.....	.....	5.1	.....	Gulf of Mex.
524	<i>S. Rushii</i> Dall	.....	.....	.....	$\frac{0}{63}$	Hatteras
525	<i>S. clathratula</i> Adams	.....	.....	.....	$\frac{49}{146}$	Rhode Island
526	<i>S. novemcostata</i> Mörch	.....	.....	.....	$\frac{12}{60}$	Hatteras
527	<i>S. babylonia</i> Dall	42	8	30.0	731	Cape Fear
528	<i>S. ———</i>	.....	.....	.....	940	Cedar Keys
529	<i>S. formosissima</i> Jeffreys	18	11	8.0	339	N. Atlantic
530	<i>S. permodesta</i> Dall	.....	.....	.....	.....	C. Lookout
531	<i>S. scipio</i> Dall	.....	.....	16.0	$\frac{12}{30}$	Hatteras
532	<i>S. polacia</i> Dall	18	10	7.25	229	Florida Str.
533	<i>S. Dalliana</i> Verrill & Smith	61	91	10.5	$\frac{85}{192}$	Rhode Island
534	<i>S. teres</i> Bush	41	8	4.0	$\frac{14}{16}$	Hatteras
535	<i>S. erectispina</i> Mörch	.....	.....	.....	$\frac{5}{168}$	Hatteras
536	<i>S. turricula</i> Sowerby	.....	.....	.....	$\frac{19}{22}$	Hatteras
537	<i>S. grœnlandica</i> Perry	{ 61 72	{ 90 105	.....	.....	Arctic Sea
538	<i>S. denticulata</i> Sowerby	.....	.....	.....	.....	Hatteras
539	<i>S. pernobilis</i> Fischer & Bernardi	.....	.....	38.0	$\frac{107}{103}$	Hatteras
540	<i>S. belaurita</i> Dall	18	11b	8.3	73	.....
541	<i>S. clathrus</i> Linné	.....	.....	.....	.....	Bahamas
542	<i>S. Krebsii</i> Mörch	.....	.....	.....	.....	Tortugas
543	<i>S. Candiana</i> Orbigny	.....	.....	.....	.....	Tortugas
544	<i>S. Blandii</i> Mörch	.....	.....	.....	.....	Tortugas
545	<i>S. lineata</i> Say	.....	.....	.....	.....	Cape Cod
Section ACRILLA Adams.						
546	<i>S. retifera</i> Dall	.....	.....	.....	$\frac{49}{63}$	Hatteras
Section CIRSOTREMA Mörch.						
547	<i>S. cochlea</i> Sowerby	.....	.....	.....	$\frac{25}{124}$	Hatteras
Subgenus <i>Opalia</i> Adams.						
548	<i>O. crenata</i> var. <i>Hotessieriana</i> Orbigny	.....	.....	.....	.....	Tortugas
549	<i>O. hellenica</i> Forbes	18	1	6.9	$\frac{8}{50}$	Hatteras
550	<i>O. aurifila</i> Dall	18	4	11.0	270	.....
551	<i>O. Leeana</i> Verrill	61	93	.....	146	Rhode Island
552	<i>O. concava</i> Dall	.....	.....	14.0	$\frac{15}{294}$	Fernandina
553	<i>O. discobolaria</i> Dall	18	2	6.5	$\frac{220}{294}$	Fernandina

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	*	*	Haiti	
.....	†	*	Cedar Keys..	
.....	*	
.....	†	?	*	Honduras ...	
.....	†	*	Haiti	
†	†	Hatteras ...	
.....	†*	*	St. Thomas ..	
.....	†	
.....	†	Florida Keys	
.....	†	*	Jamaica	
.....	*	*	Vera Cruz...	
.....	†	Cuba	
†	†	Cape Fear...	
.....	*	
.....	†	*	St. Thomas..	
.....	*	*	*	Haiti	
?	?*	*	*	Rhode Isl'd?.	Pliocene.
.....	†	*	*	Bahamas	
.....	†	†	Guadalupe ..	
.....	†	Barbados ...	
.....	?	*	*	Barbados...	
.....	*	*	Sombrero ...	
.....	*	*	Cuba	
.....	*	*	St. Thomas..	
*	*	*	*	Charlotte H.	Pliocene.
.....	
.....	†	†	†	Florida Str..	
.....	
.....	†	*	*	Santa Cruz..	
.....	
.....	*	*	Guadalupe ..	
.....	†	*	*	*	Haiti	
.....	Martinique ..	
†?	†	
.....	*	Florida Str..	
.....	Cuba	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus ACLIS Lovén.						
554	<i>A. lata</i> Dall	18	8	5.5	$\frac{100}{294}$	Fernandina .
555	<i>A. egregia</i> Dall	18	12	13.0	$\frac{294}{785}$	Fernandina .
556	<i>A. nucleata</i> Dall	18	7	9.3	$\frac{294}{464}$	Fernandina .
557	<i>A. tenuis</i> Verrill .....	.....	.....	3.8	$\frac{63}{1769}$	George's B'ks
558	<i>A. striata</i> Verrill .....	.....	.....	4.0	$\frac{63}{100}$	B. of Fundy .
559	<i>A. ———</i> .....	.....	.....	.....	$\frac{294}{780}$	Fernandina .
560	<i>A. ———</i> .....	.....	.....	.....	$\frac{294}{780}$	Fernandina .
561	<i>A. ———</i> .....	.....	.....	.....	294	Fernandina .
Family JANTHINIDÆ.						
Genus JANTHINA Lamarck.						
562	<i>J. communis</i> Lamarck .....	.....	.....	.....	Pelagic	Nantucket ..
563	<i>J. globosa</i> Swainson .....	.....	.....	.....	Pelagic	Gulf Stream.
564	<i>J. prolongata</i> Blainville .....	.....	.....	.....	Pelagic	N. Atlantic ..
565	<i>J. exigua</i> Lamarck .....	.....	.....	.....	Pelagic	Gulf Stream.
Superfamily GYMNOGLOSSA.						
Family EULIMIDÆ.						
Genus EULIMA Risso.						
566	<i>E. conoidea</i> Kurtz & Stimpson .....	.....	.....	.....	.....	Hatteras
567	<i>E. gracilis</i> C. B. Adams .....	.....	.....	.....	.....	Hatteras
568	<i>E. intermedia</i> Cantraine	52	14	.....	$\frac{11}{645}$	Norway
569	<i>E. jamaicensis</i> C. B. Adams .....	.....	.....	.....	.....	Cedar Keys ..
570	<i>E. subcarinata</i> Orbigny .....	.....	.....	.....	.....	Hatteras
571	<i>E. Carolii</i> Dall .....	.....	.....	.....	.....	Hatteras
Section MELANELLA Bowdich.						
572	<i>E. arenata</i> C. B. Adams	19	11	4.0	.....	Fernandina .
573	<i>E. elongata</i> Dantzenberg .....	.....	.....	.....	.....	Norway
574	<i>E. gibba</i> De Folin .....	.....	.....	.....	.....	Hatteras
Subgenus Liostraca Adams.						
575	<i>L. bilineata</i> Alder .....	.....	.....	.....	.....	Norway
576	<i>L. acuta</i> Sowerby .....	.....	.....	.....	$\frac{107}{107}$	C. Lookout ..
577	<i>L. stenostoma</i> Jeffreys .....	.....	.....	.....	$\frac{40}{1652}$	Norway
578	<i>L. fusus</i> Dall	19	11d	13.3	$\frac{214}{645}$	Fernandina .
579	<i>L. Hemphillii</i> Dall	48	11	3.0	.....	Cedar Keys ..
Genus STILIFER Broderip.						
580	<i>S. Stimpsoni</i> Verrill .....	.....	.....	.....	$\frac{6}{1253}$	George's B'ks

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus NISO Risso.						
581	<i>N. splendidula</i> Sowerby .....	.....	.....	27.0	$\frac{15}{11}$	Cape Fear..
582	<i>N. interrupta</i> Sowerby.....	18	5, 6	20.0	$\frac{11}{84}$	Florida Str..
583	var. <i>albida</i> Dall.....	18	5	8.1	116	.....
584	var. <i>tricolor</i> Dall .....	.....	.....	.....	$\frac{15}{107}$	Hatteras ..
585	var. <i>ægleüs</i> Bush	41	10, a	7.5	$\frac{7}{32}$	Hatteras
586	var. <i>circinata</i> Dall.....	.....	.....	.....	.....	.....
Family PYRAMIDELLIDÆ.						
Genus PYRAMIDELLA Lamarck.						
Section LONGCHÆUS Mörch.						
587	<i>P. crenulata</i> Holmes.....	.....	.....	.....	.....	S. Carolina..
588	<i>P. candida</i> Mörch.....	.....	.....	.....	.....	Hatteras
Section PYRAMIDELLA s. s.						
589	<i>P. dolabrata</i> Linné .....	.....	.....	.....	.....	Sarasota
Genus TURBONILLA Leach.						
590	<i>T. lævis</i> C. B. Adams .....	.....	.....	.....	$\frac{15}{107}$	Hatteras
591	<i>T. ———</i> .....	.....	.....	.....	.....	Estella Pass.
592	<i>T. ———</i> .....	.....	.....	.....	$\frac{12}{80}$	Cape Fear...
593	<i>T. puncta</i> C. B. Adams .....	.....	.....	.....	$\frac{12}{13}$	Hatteras
594	<i>T. exilis</i> C. B. Adams .....	.....	.....	.....	$\frac{3}{63}$	Hatteras
595	<i>T. Bushiana</i> Verrill .....	.....	.....	12.0	$\frac{365}{1467}$	Rhode Island
596	<i>T. Rathbuni</i> Verrill and Smith.....	63	104	.....	$\frac{64}{1396}$	Rhode Island
597	<i>T. pusilla</i> C. B. Adams .....	.....	.....	.....	$\frac{16}{294}$	Hatteras
598	<i>T. ———</i> .....	.....	.....	.....	$\frac{31}{124}$	Hatteras
599	<i>T. ———</i> .....	.....	.....	.....	.....	Hatteras
600	<i>T. perlepada</i> Verrill.....	.....	.....	7.0	70	Chesapeake .
601	<i>T. ———</i> .....	.....	.....	.....	$\frac{63}{104}$	Hatteras
602	<i>T. grandis</i> Verrill .....	.....	.....	18.0	1582	Maryland ..
603	<i>T. belothea</i> Dall	26	7d	14.0	$\frac{49}{93}$	Florida Str..
604	<i>T. interrupta</i> Totten	26	2, c, b	11.0	$\frac{1}{107}$	Nova Scotia .
605	<i>T. ? elegans</i> Verrill.....	52	6	.....	.....	Mass. Bay ...
606	<i>T. reticulata</i> C. B. Adams.....	.....	.....	.....	.....	Hatteras
607	<i>T. multicostata</i> C. B. Adams.....	.....	.....	.....	.....	S. Carolina ..
608	<i>T. obeliscus</i> C. B. Adams .....	.....	.....	.....	$\frac{12}{63}$	Hatteras
609	<i>T. virga</i> Dall .....	.....	.....	8.1	$\frac{2}{15}$	Hatteras
610	<i>T. pumicea</i> Dall .....	.....	.....	8.0	$\frac{31}{31}$	C. Lookout..
611	<i>T. subulata</i> C. B. Adams.....	.....	.....	.....	$\frac{1}{63}$	Hatteras
612	<i>T. ———</i> .....	.....	.....	.....	$\frac{14}{63}$	Hatteras
613	<i>T. curta</i> Dall	26	7c	8.3	$\frac{15}{646}$	Hatteras

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber- nu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
		*				†					*	New Grenada	
					†						*	Centr. Am. .	
								*				St. Lucia . . .	
		†*										N. Carolina . .	
		*				*						Tampa	
								*				Barbados . . .	
		*			*	*		*				St. Thomas . .	Pliocene.
		*	*		*	*		*				Barbados . . .	
					*	*		*				Barbados . . .	P. Pliocene.
		†*						*				Jamaica	
			*					*				Honduras . . .	
		†*				*						Charlotte H.	
		*						*				Haiti	
		†*			*	*		*				Haiti	
†?								†		?		Old Provid'ce	
†?													
		*	*					*				Barbados . . .	
		†											
		*			*	*						Charlotte H.	
†													
†		†											
					†	†		†				Barbados . . .	
		†			*	*		†		*		Barbados . . .	P. Pliocene.
*		*	*									East Florida.	
		†*						*				Jamaica	
		*			*			*				Jamaica	
		*			*	*		*				St. Thomas . .	
		*			*	*						Key West . . .	
		*	*			*		*				Bahamas . . .	
		†*			*			*				Haiti	
		†*						*				Haiti	
		†*					†	†				Yucatan	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus Parthenia Lowe.					
614	<i>P. cedrosa</i> Dall	48	4	5.5	.....	Cedar Keys..
	Subgenus Stylopsis A. Adams.					
615	<i>S. reticula</i> Dall			3.5	.....	Gulf of Mex ..
	Subgenus ? Careliopsis Mörch.					
616	<i>C. styliiformis</i> Mörch.				$\frac{2}{32}$	Hatteras
	Genus EULIMELLA Forbes.					
617	<i>E. unifasciata</i> Forbes	19	11c	6.0	$\frac{80}{120}$	Britain
618	<i>E. ———</i>				$\frac{127}{124}$	Hatteras
619	<i>E. ———</i>				$\frac{63}{107}$	Hatteras
620	<i>E. ———</i>				168	C. Lookout..
621	<i>E. scillæ</i> Scacchi				$\frac{6}{32}$	Norway
622	<i>E. lissa</i> Verrill			6.0	142	Hatteras
	Genus PERISTICHIA Dall.					
623	<i>P. toreta</i> Dall	42	10	10.8	$\frac{2}{32}$	C. Lookout..
624	<i>P. agria</i> Dall			6.0	$\frac{2}{63}$	Hatteras
	Genus OSCILLA Adams.					
625	<i>O. nivea</i> Mörch	48	2	8.4	.....	Key West ...
	Genus SYRNOLO A. Adams.					
626	<i>S. ———</i>				205	Cape Fear... ..
627	<i>S. producta</i> C. B. Adams	52	13		.....	Mass. Bay ...
628	<i>S. fusca</i> C. B. Adams	52	15		.....	Cape Cod
	Genus ODOSTOMIA Fleming.					
629	<i>O. unidentata</i> Montagu				$\frac{63}{200}$	Norway
630	<i>O. engonia</i> Bush			5.0	$\frac{16}{200}$	Hatteras
631	<i>O. tornata</i> Verrill			3.0	$\frac{15}{42}$	Hatteras
632	<i>O. acutidens</i> Dall			4.2	$\frac{2}{107}$	Hatteras
633	<i>O. desparilis</i> Verrill			3.2	142	Hatteras
634	<i>O. teres</i> Bush	41	9	4.5	$\frac{14}{22}$	Hatteras
635	<i>O. trifida</i> Totten	52	8		.....	Mass. Bay ...
636	<i>O. bisuturalis</i> Say	52	7		.....	Mass. Bay ...
637	<i>O. impressa</i> Say	52	11		$\frac{2}{8}$	Mass. Bay ...
638	<i>O. seminuda</i> C. B. Adams	52	10		.....	Mass. Bay ...
639	<i>O. ———</i> .....				.....	Texas

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
						*						Gulf of Mex	
					*							Key West	
		†*				*		*				St. Thomas	
		†	†			†						Barbados	
		†											
		*											
		*											
		†			*			*				West Indies	
		†											
		*			*	*						Key West	
		†			*							Key West	
					*			*				Martinique	
		*		*	*			*				Haiti	
*												Delaware ?	
*												Delaware ?	
		†		†								East Florida	
		*†		†								East Florida	
		*†										Cape Fear	
		†*		†		*						West Florida	
		†											
		*											
*												New Jersey	
*												Delaware B.	
*	*	*	*	*		*						Tampa	
*		*		*	*	*						Florida Keys	
				*			*					Key West	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	<i>Superfamily TENIOGLOSSA.</i>					
	Family TRITONIIDÆ.					
	Genus DISTORTRIX Link.					
640	<i>D. reticulata</i> Link.	-----	-----	-----	182 ² / ₄	Hatteras
	Genus GYRINEUM Link.					
641	<i>G. affine</i> Broderip.	-----	-----	-----	-----	Hatteras
	Genus TRITONIUM Link.					
642	<i>T. tritonis</i> L. var. <i>nobilis</i> Conrad	-----	-----	-----	121	Key West ...
	Subgenus Colubraria Schumacher.					
643	<i>C. testacea</i> Mörch.	-----	-----	-----	-----	Hatteras
644	<i>C. lanceolata</i> Menke.	-----	-----	-----	-----	Hatteras
645	<i>C. Swiftii</i> Tryon.	-----	-----	-----	-----	Bermuda
646	<i>C. reticulata</i> Blainville.	-----	-----	-----	-----	Nassau
	Subgenus Ranularia Schumacher.					
647	<i>R. tuberosa</i> Lamarck.	-----	-----	-----	-----	Key West ...
	Subgenus Lampusia Schumacher.					
648	<i>L. chlorostoma</i> Lamarck.	-----	-----	-----	-----	Jupiter Inlet.
649	<i>L. pileare</i> Lamarck.	-----	-----	-----	-----	Key West ...
650	<i>L. gracile</i> Reeve.	29	2	25.5	100 ² / ₁₀₀	Gulf of Mex .
651	<i>L. pharcida</i> Dall.	36	2	23.6	82	Antilles ?...
652	<i>L. labiosa</i> Wood.	-----	-----	-----	49	Hatteras
653	<i>L. olearium</i> Linnæus.	-----	-----	-----	-----	Hatteras
654	<i>L. cynocephala</i> Lamarck.	-----	-----	-----	-----	Florida Str..
	Subgenus Lotorium Montfort.					
655	<i>L. femorale</i> Linné.	-----	-----	-----	-----	Cedar Keys..
	Family OÖCORITIDÆ.					
	Genus Oöcorys Fischer.					
656	<i>O. abyssorum</i> Verrill & Smith.	-----	-----	-----	169 ² / ₂₂₂₁	Chesapeake .
657	<i>O. sulcata</i> Fischer.	62	83	-----	-----	Hatteras ?...
	Family ———?.					
	Genus DALIUM Dall.					
658	<i>D. solidum</i> Dall.	19	10d	41.0	576	Grenada

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	†*	*	*	Barbados.....	
.....	†	†	†	†	†	Tropics	
.....	†	†	*	?	Barbados.....	
.....	†	*	*	†	Sombrero.....	Pliocene.
.....	†	*	†	*	*	Barbados.....	
.....	?	†	*	Barbados.....	
.....	?	*	*	Haiti	
.....	*	*	*	*	Tropics	
.....	*	*	*	†	*	Barbados.....	
.....	*	*	*	Trinidad	
.....	*	†	Aspinwall	
.....	†	Barbados.....	
.....	*	*	*	Tropics.....	
.....	†	*	*	Carthagenæ	
.....	*	*	*	Margarita Id.	
.....	*	*	*	*	*	Guadalupe ..	
.....	†	†	†	Cedar Keys..	
.....	†	†	†	Africa	
.....	†		

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lou.	Range in depth.	Northern extreme range.
Family CASSIDIDÆ.						
Genus CASSIS Lamarck.						
659	C. cameo Stimpson					Hatteras
660	C. tuberosa Linné					Hatteras
661	C. testiculus Linné					Hatteras
662	C. inflata Shaw					Hatteras
Genus GALEODEA Link.						
663	G. Coronadoi Crosse				124	Cape Fear...
Genus LAMBIDIUM Link.						
664	L. oniscus Linné					Tortugas
Genus ONISCIDIA Swainson.						
65	O. Dennisoni Réeve				130	Gulf of Mex.
Genus SCONSIA Gray.						
666	S. striata Lamarck				85	Cape Florida.
Family DOLIIDÆ.						
Genus DOLIUM Lamarck.						
667	D. galea Linné					Hatteras
668	D. perdix Linné					Florida Keys.
Subgenus Eudolium Dall.						
669	E. Crosseanum Monterosato	15 44 62	5) 2a-b) 83, a)	35.0	80 407	Rhode Island
670	E. Ferrillii Dall					
		35	12	32.0	73	Grenada
Genus PYRULA Lamarck.						
671	P. papyratia Say					N. Carolina..
Family AMPHIPERASIDÆ.						
Genus AMPHIPERAS Gronovius.						
Subgenus Simnia Risso.						
672	S. acicularis Lamarck					Cape Fear
673	S. intermedia Sowerby				15 170	Hatteras
674	S. uniplicata Sowerby				12 1	N. Carolina..
675	S. aureocincta Dall			18.5	60 70	Florida Str..
Genus ULTIMUS Montfort.						
676	U. gibbosus Linné				16 80	Hatteras
Genus PEDICULARIA Swainson.						
677	P. decussata Gould	19	9a, b	6.0	100 480	Georgia

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extr me range.	Range in time.
		*	*		*	*		*				Barbados....	
		*	*			*		*				Barbados....	
		*			*		*	*	*			Trinidad	
		†*		†	†	†	*	††				Brazil.....	
		†						†††				Matanzas ...	
				?	*			*				Trinidad	
							†	†				Guadalupe ..	
					†			†		E. I.		Barbados....	
		*			*	*	*	*				Trinidad	
					*	*		*	*			Brazil.....	
	†	†	†		†			†		†		Barbados....	
								†					
		*	*	*	*	*	*	*				West Indies .	
		*			*			*				Brazil.....	
		*†					*†	*†				Brazil.....	
		†*	*		*†	*		†*				Barbados....	
					†			†				Sombrero ...	
			*		*	*		*	*			Trinidad	
			†					†				Barbados....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family CYPRÆIDÆ.						
Genus CYPRÆA Linné.						
678	C. exanthera Linné			100. 0	1 ⁰ / ₁₀	Hatteras
679	C. cinerea Gmelin				1 ⁰ / ₁₃	Hatteras
680	C. spurea Linné				0 ⁰ / ₂₅	Cedar Keys..
681	var. flaveola Lam.					Key West ...
Genus TRIVIA Gray.						
682	T. pediculus Linné					St. Augustine
683	T. suffusa Gray					Cedar Keys..
684	T. subrostrata Gray				1 ⁸ / ₇₇	Florida Str..
685	T. nivea Gray					Florida Keys
686	T. candidula Gaskoin				1 ⁸ / ₄₀	Hatteras
687	T. globosa Gray				2 ³ / ₄₀	Cedar Keys..
688	T. quadripunctata Gray				1 ⁰ / ₅	Jupiter Inlet
Genus ERATO Risso.						
689	E. Mangeriæ Gray				0 ⁰ / ₆₃	Hatteras
Family CARINARIIDÆ.						
Genus CARINARIA Lamarck.						
690	C. mediterranea Peron & Lesueur ..					N. lat. 40° ..
Genus ATLANTA Lesueur.						
691	A. Peronii Lesueur	43 66	4, 4a 110a	}	Pelagic	N. lat. 42° ...
692	A. Gaudichaudi Eyd. & Soul.	66	111		Pelagic	N. lat. 40° ...
693	A. rosea Souleyet				Pelagic	N. lat. 41° ...
694	A. Lamanoui Eyd. & Soul.				Pelagic	N. lat. 39° ...
695	A. pulchella Verrill				Pelagic	N. lat. 40° ...
696	A. inclinata Souleyet				Pelagic	N. lat. 41° ...
Genus OXYGYRUS Benson.						
697	O. Keraudreni Orbigny				Pelagic	N. lat. 40° ...
Family STROMBIDÆ.						
Genus STROMBUS Linné.						
698	S. gigas Linné					Florida Keys.
699	S. pugilis Linné					Hatteras
700	S. bituberculatus Lamarck					Jupiter Inlet
701	S. accipitrinus Lamarck					Florida Keys.
702	S. costatus Gmelin					St. Augustine

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	*	*	*	*	*	*	*	Darien	
.....	†	†	†	*	*	*	Guadalupe ..	
.....	*	*	*	*	*	Barbados....	
.....	*	*	Swan Islands	
.....	*	*	*	*	*	*	Barbados....	Pliocene.
.....	*	*	*	*	Barbados....	
.....	* †	* †	Barbados....	
.....	*	*	Barbados....	
.....	*	*	*	† *	*	Barbados....	
.....	* †	*	* †	Barbados....	Pliocene.
.....	*	*	*	Barbados....	
.....	* †	*	*	*	Aspinwall ...	Pliocene.
*	*	*	*	*	*	Tropics	Pliocene
.....	*	*	*	*	*	*	*	*	??	?	Tropics	Pliocene.
*	*	Tropics	
*	*	*	Tropics	
*	*	Tropics	
*	Tropics	
*	*	Tropics	
*	*	*	*	*	*	*	*	*	*	Tropics	P. Pliocene.
.....	*	*	*	Carthageua .	
.....	*	*	*	*	*	*	*	Aspinwall...	
.....	*	*	*	Guadalupe ..	
.....	*	*	Guadalupe ..	
.....	*	*	*	*	Guadalupe ..	? Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family TRIFORIDÆ.						
Genus TRIFORIS Deshayes.						
Section TRIFORIS s. s.						
703	<i>T. mirabilis</i> C. B. Adams .....	.....	.....	.....	.....	C. Lookout ..
704	<i>T. lilacina</i> Dall .....	.....	.....	9.0	6	Turtle Harb.
Section MASTONIA Hinds.						
705	<i>T. perversa</i> L. var. <i>nigrocineta</i> Ad. ....	.....	.....	.....	$\frac{0}{30}$	Cape Cod
706	<i>T. decorata</i> C. B. Ad. var. <i>olivacea</i> Dall .....	.....	.....	.....	.....	W. Florida ..
707	<i>T. pulchella</i> C. B. Adams .....	.....	.....	.....	.....	Florida Str..
708	<i>T. turris-homæ</i> Orbigny	41	6	.....	.....	Hatteras
709	<i>T. melanura</i> C. B. Adams .....	.....	.....	.....	.....	Hatteras
Section INELLA Bayle.						
710	<i>T. longissima</i> Dall	20	10	26.0	$\frac{17\frac{1}{2}}{450}$	Hatteras
711	<i>T. triserialis</i> Dall	20	5a, 6a	15.5	$\frac{12\frac{1}{2}}{134}$	Hatteras
712	var. <i>aspera</i> Jeffreys .....	.....	.....	.....	$\frac{12\frac{1}{2}}{131}$	N. Atlantic ..
713	var. <i>intermedia</i> Dall	20	8	11.0	.....	Florida Str..
714	<i>T. colon</i> Dall	20	12	12.0	$\frac{450}{1002}$	Florida Str..
Section SYCHAR Hinds.						
715	<i>T. bigemma</i> Watson .....	.....	.....	.....	$\frac{224}{640}$	Fernandina ..
716	var. <i>hircus</i> Dall	20	11	12.5	640	Gulf of Mex ..
717	<i>T. abrupta</i> Dall	20	9	7.5	640	Gulf of Mex ..
718	<i>T. torticula</i> Dall	20	11b	10.5	640	Gulf of Mex ..
719	<i>T. inflata</i> Watson .....	.....	.....	.....	$\frac{224}{640}$	Georgia
720	var. <i>ibex</i> Dall .....	.....	.....	.....	$\frac{450}{640}$	Florida Str..
721	<i>T. cylindrella</i> Dall	20	6	6.5	640	Gulf of Mex ..
722	<i>T. Rushii</i> Dall .....	.....	.....	.....	200	Florida Str..
Family CERITHIOPSIDÆ.						
Genus SEILA A. Adams.						
723	<i>S. terebralis</i> C. B. Adams	52	5	.....	$\frac{0}{20}$	Mass. Bay
Genus CERITHIOPSIS F. & H.						
724	<i>C. tubercularis</i> Montagu .....	.....	.....	.....	.....	N. Enrope
725	<i>C. Greenii</i> C. B. Adams	52	2	.....	$\frac{3}{10}$	Mass. Bay
726	<i>C. crystallina</i> Dall	20	3	16.0	$\frac{500}{805}$	Gulf of Mex ..
727	<i>C. Martensii</i> Dall	20	2	11.25	$\frac{229}{1181}$	Lat. 24° 15'
728	<i>C. pulchella</i> Jeffreys .....	.....	.....	4.2	$\frac{2}{3}$	Britain
729	<i>C. Sigsbeeana</i> Dall	20	1	10.5	220	Gulf of Mex ..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	..	*	*	*	Jamaica.....	Pliocene.
.....	*	Florida Str..	
*	*	*	*	..	*	*	*	..	Key West? ..	
..	*	*†	..	*	Haiti.....	
..	*†	*	Haiti.....	
..	..	*	*†	*	Guadalupe ..	
..	*	*	Jamaica.....	
..	†	†	Cuba.....	
..	..	†	†	†	Barbados...	
..	†	..	†	†	..	*	..	Florida Str..	
..	†	†	Barbados...	Miocene.
..	†	..	†	†	Yucatan.....	
..	†	†	St. Thomas..	
..	†	†	Yucatan.....	
..	†	†	Yucatan.....	
..	†	†	Yucatan.....	
..	†	†	†	Culebra.....	
..	*†	..	†	Yucatan.....	
..	†	Yucatan.....	
..	†	†	Bahamas.....	
*	..	*	*	*	*	*†	..	Haiti.....	Miocene.
..	*	*	..	Key West...	
..	..	*	*	*	*	*	*	*	*	Haiti.....	
..	†	†	*†	..	†	Barbados...	
..	†	Gulf of Mex.	
..	..	†	*	..	Hatteras.....	
..	†	†	Cuba.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Section MFTAXIA Monterosato.						
730	<i>C. abrupta</i> Watson	20	5	4.3	$\frac{15}{100}$	Cape Fear...
731	<i>C. metaxæ</i> Della Chiaje				$\frac{2}{20}$	Hatteras
732	var. <i>tæniolata</i> Dall				$\frac{15}{52}$	C. Lookout..
Subgenus Eumeta Mörch.						
733	<i>E. subulata</i> Montagn	20 52	4 1	14.3	$\frac{2}{15}$	Cape Cod
Subgenus Cerithiella Verrill.						
734	<i>C. Whiteavesii</i> Verrill				$\frac{238}{843}$	Gulf St. Law.
Family CERITHIIDÆ.						
Genus Bittium Leach.						
735	<i>B. alternatum</i> Say	52	4			Mass. Bay...
736	<i>B. ? (Alaba ?)</i> Adamsi Dall					Hatteras
737	<i>B. ? (Alaba ?)</i> cerithidioides Dall					C. Lookout..
Section DIASTOMA Deshayes.						
738	<i>B. varium</i> Pfeiffer					Chesapeake .
Genus CERITHIUM Bruguière.						
739	<i>C. floridanum</i> Mörch.					Hatteras
740	<i>C. algicola</i> C. B. Adams					Tampa
741	<i>C. uncinatum</i> (Gmel.) Tryon					Key Largo ..
742	<i>C. eburneum</i> Bruguière					Key West ...
743	<i>C. literatum</i> Born					Jupiter Inlet
744	var. <i>semiferrugineum</i> Lamarck ..					St. Augustine
745	<i>C. muscarum</i> Say					Jupiter Inlet
746	<i>C. variabile</i> C. B. Adams					Tampa
747	<i>C. minimum</i> Gmelin					Tampa
748	var. <i>nigrescens</i> Menke					Tampa
Genus CERITHIDEA Swainson.						
749	<i>C. costata</i> Wood					Tampa
750	<i>C. scalariformis</i> Say					Georgia
751	<i>C. varicosa</i> Sowerby					Texas
752	<i>C. turrita</i> Stearns					Cedar Keys..
Family PLANAXIDÆ.						
Genus PLANAXIS Lamarck.						
753	<i>P. nucleus</i> Wood					Tortugas
754	<i>P. lineatus</i> Da Costa					Key West ...

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	*	?†	---	---	---	---	†	---	†	---	Barbados ..	
---	---	*	---	---	*†	---	---	†	---	*	---	Key West ...	
---	---	†*	---	---	---	---	---	---	---	---	---	Cape Fear...	
*	---	*	---	---	---	*	*	*	---	---	---	Grenada.....	
---	---	†	†	---	---	---	---	---	---	---	---	Fernandina..	
*	?	*?	---	---	---	---	---	---	---	---	---	C. Lookont..	
---	---	*	---	---	*	*	---	*	---	---	---	Haiti	
---	---	*	---	---	---	---	---	*	---	---	---	Haiti	
---	*	*	---	---	*	*	*	*	---	---	---	St. Thomas ..	
---	---	*	---	---	*	*	---	*	---	---	---	Cuba.....	Pliocene.
---	---	---	---	---	*	*	---	*	*	---	---	Jamaica.....	
---	---	---	---	---	*	---	---	*	---	---	---	Jamaica.....	
---	---	---	---	---	*	---	---	*	---	---	---	Swan Islands	
---	---	---	---	*	*	*	---	*	*	---	---	Swan Islands	
---	---	---	*	---	*	---	---	*	---	---	---	Santa Cruz..	
---	---	---	*	---	*	*	---	---	*	---	---	Jamaica.....	
---	---	---	---	---	*	*	---	*	*	---	---	Curaçoa.....	
---	---	---	---	---	*	*	---	*	*	---	---	Guadalupe ..	
---	---	---	---	---	*	*	---	*	*	---	---	Venezuela...	
---	---	---	---	---	*	*	---	†	---	---	---	Jamaica.....	
---	---	---	*	*	*	*	*	---	---	---	---	Key West ...	
---	---	---	---	---	---	?	*	*	---	---	---	Jamaica.....	
---	---	---	---	---	*	*	---	*	---	---	---	Bahamas	
---	---	---	---	---	*	---	---	*	*	---	---	Darien	
---	---	---	---	---	*	---	---	*	---	---	---	Barbados....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family MODULIDÆ.						
Genus MODULUS Gray.						
755	<i>M. modulus</i> Linné.....	.....	.....	.....	.....	Hatteras
756	var. <i>floridanns</i> Conrad.....	.....	.....	.....	.....	Florida Keys.
757	var. <i>catenulatus</i> Philippi .....	.....	.....	.....	.....	Florida Keys.
Family TRICHOTROPIDÆ.						
Genus TRICHOTROPIS Sowerby.						
Subgenus Mesostoma Deshayes.						
758	<i>M. migrans</i> Dall.	29	8	9.25	80	Florida Str..
Subgenus Dolophanes Gabb.						
759	<i>D. Gabbi</i> Dall.....	29	7	9.0	785	.....
760	<i>D. columbella</i> Dall .....	.....	.....	.....	.....	Gulf of Mex ..
Family CÆCIDÆ.						
Genus CÆCUM Fleming.						
761	<i>C. floridanum</i> Stimpson.....	..	.....	.....	$\frac{2}{18}$	Hatteras
762	<i>C. pulchellum</i> Stimpson	50	22	.....	$\frac{1}{12}$	Cape Cod ...
763	<i>C. instructum</i> De Folin .....	.....	.....	.....	.....	Hatteras
764	<i>C. bipartitum</i> De Folin .....	.....	.....	.....	.....	Hatteras
765	<i>C. ———</i> .....	.....	.....	.....	.....	Florida Keys.
766	<i>C. Cooperi</i> Smith	43	8	.....	.....	Cape Cod....
767	<i>C. decussatum</i> De Folin .....	.....	.....	.....	.....	Key Largo ..
768	<i>C. carolinianum</i> Dall .....	.....	.....	.....	$\frac{2}{63}$	Hatteras
769	<i>C. ———</i> .....	.....	.....	.....	.....	Tampa
770	<i>C. glabrum</i> Montagu .....	.....	.....	.....	.....	Cape Fear...
Subgenus Meioceras Carpenter.						
771	<i>M. Deshayesii</i> De Folin .....	.....	.....	.....	.....	Tampa
772	<i>M. nitidum</i> Stimpson.....	.....	.....	.....	.....	Tampa
773	<i>M. undulosum</i> De Folin.....	.....	.....	.....	.....	Charlotte H ..
Family SEGUENZIIDÆ.						
Genus SEGUENZIA Jeffreys.						
774	<i>S. monocingulata</i> Seguenza	62	88, 89	5.0	$\frac{100}{2033}$	Gulf of Maine
775	<i>S. trispinosa</i> Watson.....	.....	.....	3.5	$\frac{294}{673}$	Hatteras
776	<i>S. ionica</i> Watson .....	.....	.....	4.5	$\frac{390}{1568}$	Gulf of Mex ..
777	<i>S. ———</i> .....	.....	.....	.....	$\frac{382}{803}$	Gulf of Mex ..
778	<i>S. carinata</i> Watson .....	.....	.....	4.0	$\frac{671}{1126}$	N. Atlantic ..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	..	*	..	*	*	*	..	*	*	Carthagera ..	Pliocene. Pliocene.
.....	*	*	..	*	*	St. Thomas..	
.....	*	*	St. Thomas..	
.....	†	†	Havana	
.....	†	St. Vincent..	Miocene.
.....	†	†	Havana	Miocene.
.....	..	*	*	*	..	*	Brazil	Pliocene.
*	..	*	*	Tortugas	
.....	..	*	*	Tampa	
.....	..	*	*	Key West ...	
*	..	*	*	Jamaica	Pliocene.
.....	*	*	Bahamas....	
.....	..	†	*	*	Tortugas....	
.....	*	Tampa	
.....	..	*	*	*	..	Tampa	Pliocene.
.....	*	*	..	*	Jamaica	
.....	*	*	..	*	Jamaica	
.....	*	..	*	Jamaica	Pliocene.
†	..	†	..	†	..	†	†	†	Brazil	Miocene.
.....	..	†	†	†	†	Brazil	
.....	†	†	..	†	..	Culebra	
.....	†	..	†	Old Provid'ce	
.....	†	†	..	†	..	Brazil	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family VERMETIDÆ.						
Genus SILICUARIA Bruguière.						
779	<i>S. squamata</i> Blainville .....	.....	.....	.....	$\frac{2}{163}$	Sarasota
780	<i>S. modesta</i> Dall	26	4	26, 0	$\frac{94}{805}$	Cedar Keys..
Genus VERMICULARIA Lamarck.						
781	<i>V. spirata</i> Philippi	51	4	.....	$\frac{3}{175}$	N. England..
782	<i>V. ? nigricans</i> Dall .....	.....	.....	.....	$\frac{2}{14}$	Gulf of Mex ..
Genus SIPHONIUM Mörch.						
783	<i>S. nebulosum</i> Dillwyn .....	.....	.....	.....	.....	St. Augustine
Genus VERMETUS Mörch.						
Subgenus Petalococonchus Lea.						
784	<i>P. erectus</i> Dall	38	4	25, 0	$\frac{37}{805}$	Gulf of Mex ..
785	<i>P. irregularis</i> Orbigny .....	.....	.....	.....	.....	Cedar Keys..
Genus BIVONIA Gray.						
786	<i>B. exserta</i> Dall	26	6	11, 0	$\frac{31}{1012}$	C. Lookout..
Family TURRITELLIDÆ.						
Genus TURRITELLA Lamarck						
Section HAUSTATOR Montfort.						
787	<i>T. variegata</i> Linné .....	.....	.....	.....	.....	Texas
788	<i>T. yucatecana</i> Dall	26	3	16, 5	640	Gulf of Mex.
Section TORCULA Gray.						
789	<i>T. exoleta</i> Linné .....	.....	.....	.....	$\frac{45}{174}$	Cape Florida
790	<i>T. ———</i> .....	.....	.....	.....	$\frac{3}{2}$	Hatteras
791	<i>T. acropora</i> Dall .....	.....	.....	.....	$\frac{3}{413}$	Hatteras
Family MATHILDIIDÆ.						
Genus MATHILDA Semper.						
792	<i>M. yucatecana</i> Dall	20	7	8, 0	$\frac{224}{540}$	Savannah ...
793	<i>M. barbadensis</i> Dall	26	10	6, 2	100	.....
794	<i>M. Rushii</i> Dall .....	.....	.....	5, 0	$\frac{224}{465}$	Fernandina ..
795	<i>M. scitula</i> Dall .....	.....	.....	5, 25	$\frac{49}{294}$	Hatteras
Subgenus Gegania Jeffreys.						
796	<i>G. Jeffreysi</i> Dall .....	.....	.....	.....	294	Fernandina ..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	*	*	*	*	Barbados....	
.....	†	†	†	Curacao....	
.....	*	*	*	*	*	*	*	*	*	Santa Cruz..	
.....	*	*	*	*	Florida Str..	
.....	*	*	*	*	Tortola	
.....	†	†	†	Barbados....	
.....	*	*	*	Guadalupe ..	
.....	*	†	†	†	*	Barbados....	
.....	*	*	Carthagena .	
.....	†	†	Yucatan....	
.....	†	†	*	†	Barbados....	Pliocene.
.....	†*	*	Texas	
.....	*†	*	*†	†	Grenada....	Pliocene
.....	†	†	†	Yucatan....	
.....	†	?	Barbados....	
.....	†	†	Florida Str..	
.....	†	†	Fernandina..	
.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lou.	Range in depth.	Northern extreme range.
Family LITORINIDÆ.						
Genus LITORINA Férussac.						
Section MELARAPHE Muhlfeldt.						
797	<i>L. ziezac</i> Dillwyn .....	.....	.....	.....	.....	Florida Keys
798	var. <i>lineata</i> Philippi.....	.....	.....	.....	.....	Jupiter Inlet.
799	<i>L. angulifera</i> Lamarck .....	.....	.....	.....	.....	Jupiter Inlet.
Section LITORINA s. s.						
800	<i>L. guttata</i> Philippi.....	.....	.....	.....	.....	Tortugas
801	<i>L. mespilum</i> Menke .....	.....	.....	.....	.....	Texas.
802	<i>L. irrorata</i> Say	69	6	.....	.....	Rhode Island
803	<i>L. rudis</i> Donovan	{ 51 69	{ 6 3	.....	.....	Arctic Ocean.
804	<i>L. palliata</i> Say	51	5	.....	.....	Nova Scotia .
Genus LACUNA Turton.						
805	<i>L. vineta</i> Turton	52	19	.....	.....	Arctic Ocean.
Subgenus Cithna A. Adams.						
806	<i>C. tenella</i> Jeffreys .....	.....	.....	.....	$\frac{114}{2050}$	N. Atlantic..
Genus TECTARIUS Valenciennes.						
807	<i>T. muricatus</i> Linné.....	.....	.....	.....	.....	Jupiter Inlet.
Genus ECHINELLA Swainson.						
808	<i>E. nodulosa</i> Pfeiffer.....	.....	.....	.....	.....	C. Lookout..
Family FOSSARIDÆ.						
Genus FOSSARUS Philippi.						
809	<i>F. elegans</i> Verrill	62	87	.....	$\frac{100}{112}$	Rhode Island
Subgenus Gottoina Adams.						
810	<i>G. bella</i> Dall	28	10	3.55	$\frac{15}{107}$	Hatteras
811	<i>G. compacta</i> Dall.....	28	6	2.33	$\frac{19}{107}$	Hatteras
Subgenus Isapis Carpenter.						
812	<i>I. anomala</i> C. B. Adams.....	.....	.....	.....	294	Fernandina .
Family LITIOPIDÆ.						
Genus ALABA A. Adams.						
813	<i>A. tervaricosa</i> C. B. Adams .....	.....	.....	.....	.....	Tampa
814	<i>A. conoidea</i> Dall.....	.....	.....	.....	$\frac{300}{394}$	Fernandina .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Enr.	West Aus.	Southern extreme range.	Range in time.
....	*	*	*	*	Barbados....	
....	*	*	*	Guadalupe ..	
....	*	*	*	*	*	*	Carthagena ..	
....	*	*	St. Thomas ..	
....	*	*	Barbado.s...	
*	..	*	*	*	*	*	*	Jamaica.....	
*	*	*	New Jersey..	P. Pliocene.
*	New Jersey..	P. Pliocene.
*	*	*	New Jersey..	P. Pliocene.
*	†	†	†	*	Brazil.....	Pliocene.
....	*	*	*	*	*	Aspinwall...	
....	..	*	..	*	*	*	*	*	Barbados....	
†	†	†	Cape Fear...	
....	..	†	*	Florida Keys.	
....	..	†	†	†	Cuba.....	
....	**	*	Jamaica	
....	*	*	*	Haiti	
....	†	†	Campeche Bk	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus LITIOPA Rang.						
815	<i>L. bombyx</i> Kiener .....	.....	.....	.....	Pelagic.	Maine.....
Family SOLARIIDÆ.						
Genus FLUXINA Dall.						
816	<i>F. brunnea</i> Dall	22	6, 6a	10. 7	$\frac{80}{966}$	Florida Str..
817	<i>F. discula</i> Dall.....	23	5, 6	3. 0	982	.....
Genus SOLARIUM Lamarck.						
818	<i>S. granulatum</i> Lamarck .....	.....	.....	.....	.....	Hatteras
819	<i>S. peracutum</i> Dall.....	33	2, 5	6. 0	$\frac{73}{180}$	.....
820	<i>S. Sigsbee</i> Dall	23	3, 3a	2. 3	310	Florida Str..
821	<i>S. bisulcatum</i> Orbigny.....	.....	.....	.....	$\frac{115}{133}$	Hatteras
822	var. <i>boreale</i> Verrill.....	62	95a	12. 0	$\frac{22}{249}$	Rhode Island
823	<i>S. Krebsii</i> Mörch .....	.....	.....	.....	63	Hatteras
Genus TORINIA Gray.						
824	<i>T. canalifera</i> C. B. Adams .....	.....	.....	.....	.....	Gulf of Mex ..
825	<i>T. cyclostoma</i> Menke .....	.....	.....	.....	.....	Key West ...
826	<i>T. cylindrica</i> Gmelin.....	.....	.....	.....	.....	Gulf of Mex ..
Genus OMALAXIS Deshayes.						
827	<i>O. nobilis</i> Verrill	46	12	3. 0	$\frac{70}{292}$	Chesapeake ..
828	<i>O. lamellifera</i> Dall.....	.....	.....	.....	205	Florida Str..
Family RISSOIDÆ.						
Genus RISSOA Fréminville.						
Section CINGULA.						
829	<i>R. minuta</i> Totten.....	52	17	.....	$\frac{0}{13}$	Nova Scotia ..
Section ONOBA.						
830	<i>R. aculeus</i> Gould	52	12	.....	$\frac{0}{349}$	Arctic Sea...
831	<i>R. ———</i> .....	.....	.....	.....	.....	Marco
Section RISSOA s. s.						
832	<i>R. Jan-Mayeni</i> Friele	61	86	.....	$\frac{100}{500}$	Arctic Sea...
833	var. <i>brychia</i> Verrill.....	.....	.....	2. 3	$\frac{100}{1290}$	Rhode Island
834	<i>R. Sandersoni</i> Verrill .....	.....	.....	4. 0	142	Hatteras
835	<i>R. castanea</i> Moller. ....	.....	.....	.....	$\frac{2}{102}$	Arctic Sea...
836	<i>R. pelagica</i> Stimpson .....	.....	.....	.....	$\frac{2}{375}$	Arctic Sea...
837	<i>R. exarata</i> Stimpson .....	.....	.....	.....	$\frac{1}{157}$	Nova Scotia ..
838	<i>R. precipitata</i> Dall	19	1	4. 0	$\frac{428}{640}$	Gnn Cav ...

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
*	..	*	*	*	*	*	Brazil	P. Pliocene.
....	†	†	Jamaica	
....	†	Dominica ...	
....	..	†	*	†	*	Sombrero ...	
....	..	†	†	Barbados	P. Pliocene.
....	†	†	Cuba	
....	..	†	†	†	*	Martinique ..	
††	..	†*	..	†	†	Florida Str..	
....	..	†	*	Porto Plata ..	
....	*	*	Guadalupe ..	
....	*	St. Thomas..	P. Pliocene.
....	*	St. Thomas..	
†	†	†	†	Barbados	
....	†	Cuba	
*	New Jersey..	
*	New York ...	
....	*	Gulf of Mex.	P. Pliocene.
†	..	†	Hatteras	
†	..	†	†	Barbados	
....	..	†	
....	..	†	*†	Hatteras	
....	..	*†	†	†	Florida Str..	
....	..	†	Hatteras	P. Pliocene.
....	†	†	Yucatan	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
839	Rissoa ———	.....	.....	.....	63	Hatteras
840	R. aenticostata Dall	19	10	3.7	$\frac{32}{683}$	Hatteras
841	R. pyrrhias Watson .....	.....	.....	3.0	$\frac{390}{780}$	Florida Str ..
842	R. xanthias Watson .....	.....	.....	2.5	$\frac{220}{390}$	Florida Str ..
843	R. syngenes Verrill .....	.....	.....	3.0	142	Hatteras
Genus BENTHONELLA Dall.						
844	B. gaza Dall	42	5	6.5	$\frac{6}{463}$	Fernandina ..
845	B. Fischeri Dall .....	.....	.....	5.3	$\frac{940}{1060}$	Cedar Keys ..
846	B. nisonis Dall .....	.....	.....	9.0	940	Gulf of Mex.
Genus RISSOINA Orbigny.						
847	R. decussata Montagu .....	.....	.....	.....	$\frac{2}{17}$	Cape Fear ...
848	R. lævigata C. B. Adams .....	.....	.....	.....	$\frac{0}{22}$	C. Lookout ..
849	R. bryerea Montagu .....	.....	.....	.....	$\frac{10}{6}$	Florida Keys
850	R. Chesnelii Michaud .....	.....	.....	.....	.....	Hatteras
851	R. multicostata C. B. Adams .....	.....	.....	.....	.....	Key Largo ...
852	R. Sagraiana Orbigny .....	.....	.....	.....	.....	Florida Str ..
853	R. cancellata Philippi .....	.....	.....	.....	.....	Florida Keys
Family ADEORBIDÆ.						
Genus SKENEIA Fleming.						
854	S. planorbis Fabricius	52	18	.....	.....	Arctic Sea ...
Genus ADEORBIS Wood.						
855	A. supranitidus Wood	41	7, 7a	.....	$\frac{15}{25}$	N. Atlantic ..
856	var. Orbignyi Fischer .....	.....	.....	.....	$\frac{10}{93}$	Norway
857	A. Beani Fischer .....	.....	.....	.....	.....	Florida Keys
858	A. ? olivaceus Verrill	44	5	4.0	$\frac{123}{290}$	Gulf of Maine
Genus CLATHRELLA Recluz.						
859	C. naticoides Dall .....	.....	.....	.....	22	Hatteras
Family AMPULLARIIDÆ.						
Genus AMPULLARIA Lam.						
860	A. depressa Say .....	.....	.....	.....	.....	Georgia
861	A. caliginosa Reeve .....	.....	.....	.....	.....	Florida
Family ASSIMINEIDÆ.						
Genus ASSIMINEA Leach.						
862	A. Auberiana Orbigny .....	.....	.....	.....	.....	Cedar Keys ..
863	A. concinna C. B. Adams .....	.....	.....	.....	.....	Key West ...
864	A. ——— .....	.....	.....	.....	.....	Tampa

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Family TRUNCATELLIDÆ.						
Genus TRUNCATELLA Risso.						
865	<i>T. caribæensis</i> Sowerby	-----	-----	-----	-----	Alabama
866	<i>T. bilabiata</i> Pfeiffer	-----	-----	-----	-----	Sarasota
867	<i>T. pulchella</i> Pfeiffer	-----	-----	-----	-----	Tampa
868	<i>T. subcylindrica</i> Gray	-----	-----	-----	-----	Tampa
Family ----- ?						
Genus SEPARATISTA Gray.						
Subgenus Haloceras Dall.						
869	<i>H. cingulata</i> Verrill	-----	-----	-----	1497 ⁹⁰⁶	Gulf of Maine
Family CHORISTIDÆ.						
Genus CHORISTES Carpenter.						
870	<i>C. elegans</i> Carpenter	44	9a-b	-----	140 ¹⁹³	Gulf of Me. ?.
Family CALYPTRÆIDÆ.						
Genus MITRULARIA Schumacher.						
871	<i>M. equestris</i> Linné	-----	-----	-----	189 ¹⁵	Hatteras
Genus CRUCIBULUM Schumacher						
872	<i>C. auricula</i> Gmelin	-----	-----	-----	111 ²⁵	Cedar Keys..
873	<i>C. striatum</i> Say	50	27, 28	-----	189 ³	Nova Scotia.
Genus CALYPTRÆA Lamarck.						
874	<i>C. Candéana</i> Orbigny	-----	-----	-----	62 ⁶	Hatteras
Genus CREPIDULA Lamarck.						
875	<i>C. fornicata</i> Linné	{ 48 50	{ 16 23, 24	{ -----	18 ⁰	Pr. Ed. Isl'd .
876	<i>C. convexa</i> Say	50	25	-----	22 ⁰	Nova Scotia.
Section JANACUS Mörch.						
877	<i>C. plana</i> Say	{ 48 50	{ 12 26	{ -----	487 ⁰	Pr. Ed. Isl'd .
Section SANDALIUM Schum.						
878	<i>C. aculeata</i> Gmelin	-----	-----	-----	28 ⁰	C. Lookout..
Family CAPULIDÆ.						
Genus CAPULUS Montfort.						
879	<i>C. hungaricus</i> Linné	{ 44 48	{ 6 8	{ 12.0	488 ⁰	Iceland

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
----	----	----	----	----	*	*	?	*	----	----	----	Guadalupe	----
----	----	----	----	----	*	*	----	*	----	----	----	Honduras	----
----	----	----	?	*	*	*	*	*	----	----	----	St. Thomas	----
----	----	----	----	----	*	*	----	*	*	----	----	St. Thomas	----
†	†	----	----	----	----	----	----	----	----	----	----	Delaware B.	----
†?	----	----	----	----	----	----	----	----	----	----	----	Rhode Island	P. Pliocene,
----	----	*	----	----	*†	†	*	*	----	----	----	Barbados	Pliocene.
----	----	----	----	----	*	*	*	*	----	----	----	Barbados	Pliocene.
*	----	*	----	----	†	----	----	?	----	----	----	Florida Keys.	Pliocene.
----	----	*	----	*	*	*	----	*	----	----	----	Haiti	----
*	*	*	*	*	*	*	*	*	----	----	----	Carthagen	Miocene.
*	----	*	*	*	----	----	----	----	----	----	----	East Florida.	----
*	*	*	*	*	*	*	*	*	*	?	----	Trinidad	Miocene.
----	----	*	*	*	*	*	*	*	*	----	----	Barbados	Pliocene.
†	----	†	----	----	*	----	----	----	*	*†	----	Florida Keys.	Miocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Section KREBSIA Mörch.						
880	Capulus intortus Lamarek .....	.....	.....	.....	.....	Key West ...
Section HYALORISIA Dall.						
881	<i>C. galea</i> Dall	14	3	18.5	218	Barbados....
Family AMALTHEIDÆ.						
Genus AMALTHEA Schumacher.						
882	<i>A. benthophila</i> Dall	14	1a, b	8.0	$\frac{5.0}{3.75}$	Sand Key....
883	<i>A. antiquata</i> Linné .....	.....	.....	.....	.....	Turtle Harb.
884	<i>A. subrufa</i> Lamarek .....	.....	.....	.....	.....	Key West ...
Family XENOPHORIDÆ.						
Genus XENOPHORA Fischer.						
885	<i>X. conchyliophora</i> Born .....	.....	.....	.....	$\frac{1.4}{2.50}$	Hatteras
886	<i>X. caribæa</i> Petit .....	.....	.....	.....	$\frac{1.4}{2.75}$	Hatteras
Family NATICIDÆ.						
Genus NATICA Lamarck.						
887	<i>N. maroccana</i> Dillwyn .....	.....	.....	.....	.....	Hatteras
888	<i>N. livida</i> Pfeiffer .....	.....	.....	.....	.....	Hatteras
889	<i>N. canrena</i> Lamarek .....	.....	.....	.....	.....	Hatteras
890	<i>N. castrensis</i> Dall .....	.....	.....	12.5	$\frac{2.7}{1.00}$	Key West ...
891	<i>N. perlineata</i> Dall .....	.....	.....	18.5	$\frac{2.0}{2.25}$	Gulf of Mex.
892	<i>N. pusilla</i> Say	50	21	.....	$\frac{1.2}{1.5}$	Massachus'ts
Subgenus Neverita Risso.						
893	<i>N. duplicata</i> Say	51	12	.....	.....	Mass. Bay...
894	<i>N. nubila</i> Dall .....	.....	.....	13.0	$\frac{1.40}{2.00}$	Gulf of Mex.
Subgenus Lunatia Gray.						
895	<i>L. heros</i> Say	51	1, 11	.....	$\frac{2.0}{2.35}$	Labrador....
896	var. <i>triseriata</i> Say	50	18, 19	.....	$\frac{0.3}{0.3}$	Labrador....
897	<i>L. grønlandica</i> Möller .....	.....	.....	.....	.....	Arctic Sea...
898	<i>L. tenuis</i> Recluz .....	.....	.....	.....	$\frac{8.4}{6.40}$	Cape Fear...
899	<i>L. levicula</i> Verrill	44	3	40.0	$\frac{2.6}{1.00}$	Gulf of Maine
900	<i>L. semisulcata</i> Gray .....	.....	.....	.....	.....	Jupiter Inlet
901	<i>L. immaculata</i> Totten	50	20	.....	$\frac{0}{8.0}$	Nova Scotia.
902	<i>L. leptalea</i> Watson .....	.....	.....	.....	$\frac{4.0}{6.40}$	Fernandina .
903	<i>L. fringilla</i> Dall	21	12	5.75	$\frac{3.83}{3.46}$	Gulf of Mex.
904	var. <i>perla</i> Dall	21	11	6.5	$\frac{2.24}{2.24}$	Fernandina .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Enr.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	*	†	---	*	---	---	---	Barbados....	
---	---	---	---	---	---	---	---	†	---	---	---	---	
---	---	---	---	---	†	---	---	†	---	---	---	St. Vincent..	
---	---	---	---	---	*	---	---	*	---	---	---	Aspinwall.	
---	---	---	---	---	*	---	---	*	---	---	---	Barbados....	
---	---	*	---	---	*†	†	---	†	*	---	---	Guadalupe ..	Eocene.
---	---	*	---	---	†	†	---	†	---	---	---	Barbados....	
---	---	†	---	---	---	†	---	†	*	*	---	Barbados....	Eocene.
---	---	†	---	---	†	†	---	†	---	---	---	Barbados....	
---	---	*	---	*	*	*	*	*	*	---	---	Carthagena ..	Pliocene.
---	---	---	---	---	†	---	---	†	---	---	---	Barbados....	
---	---	---	---	---	†	---	---	†	---	---	---	Barbados....	
*	---	*	*	*	*	*	---	---	---	---	---	Florida Keys	
*	*	*	*	*	*	*	*	---	---	---	---	Vera Cruz ...	Miocene.
---	---	---	---	---	†	---	---	†	---	---	---	Barbados....	
*	*	*	?	---	---	---	---	---	---	---	---	Hog Isl'd, Va.	Miocene.
*	---	†	---	---	---	---	---	---	---	---	---	Hatteras	Miocene.
*	---	*	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	†	---	---	†	---	†	†	---	---	---	Cuba	
†?	---	---	---	---	---	---	---	---	---	---	---	Rhode Island	
---	---	---	---	*	---	*	---	*	---	---	---	Porto Rico ..	
---	---	*	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	---	---	†	†	---	†	†	---	---	---	Sombrero ...	
---	---	---	---	---	---	---	---	†	---	---	---	Old Provid'ce	
---	---	---	---	†	---	---	---	†	?	---	---	St. Vincent..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus Polynices Montfort.					
905	<i>P. uberina</i> Orbigny				$\frac{1}{10}$	Hatteras
906	<i>P. lactea</i> Guilding					Florida Keys.
907	<i>P. brunnea</i> Link					Tortugas
	Genus SIGARETUS Lamarck.					
908	<i>S. perspectivus</i> Say					New York ...
909	<i>S. maculatus</i> Say					Hatteras
910	<i>S. minor</i> Dall			4.0	$\frac{5}{8}$	Cape Florida
	Subgenus Eunaticina Fischer.					
911	<i>E. carolinensis</i> Dall			5.5	$\frac{6}{12}$	Hatteras
	Genus GYRODES Conrad.					
912	<i>G. depressa</i> Seguenza				$\frac{1}{13}$	N. Atlantic..
	Family LAMELLARIIDÆ .					
	Genus LAMELLARIA Montagu.					
913	<i>L. Rangii</i> Bergh					Gulf of Mex .
914	<i>L. pellucida</i> Verrill	72	5		$\frac{8}{7}$	Rhode Island
	Genus MARSENINA Gray.					
915	<i>M. ampla</i> Verrill					Eastport
	Superfamily DOCOGLOSSA .					
	Family ACMÆIDÆ .					
	Genus ACMÆA Eschscholtz.					
916	<i>A. Candeara</i> Orbigny					Florida Str..
917	<i>A. punctulata</i> Gmelin					Florida Keys.
918	var. <i>pulcherrima</i> Guilding					Key West ...
919	<i>A. melanoleuca</i> Gmelin					Charlotte H.
920	<i>A. testudinalis</i> Linné	51	2, 3	40.0	$\frac{3}{8}$	Arctic Sea...
921	var. <i>alvens</i> Couthouy	51	7, 8		$\frac{3}{8}$	Arctic Sea...
	Genus PECTINODONTA Dall.					
922	<i>P. arcuata</i> Dall	25	3a, b	5.0	$\frac{2}{3}$	Haiti
	Family LEPETIDÆ ?					
	Genus PROFILIDIUM F. & H.					
923	<i>P. ? elegans</i> Verrill			3.5	1395	Chesapeake .
924	<i>P. ? pertenuis</i> Jeffreys				640	Rhode Island
925	<i>P. ancyloide</i> F. & H.	31	2b, c			Norway

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.					
Genus LEPETELLA Verrill.											
926	L. tubicola Verrill	25	6	3.75	$\frac{130}{847}$	Rhode Island					
<i>Superfamily RHIPIDOGLOSSA.</i>											
<i>Family SCUTELLINIDÆ.</i>											
Genus SCUTELLINA Gray.											
927	S. antillarum Shuttleworth	31	10, 11	.....	.....	Key West ...			
<i>Family ADDISONIIDÆ.</i>											
Genus ADDISONIA Dall.											
928	A. paradoxa Dall.....	{ 25 44 63	{ 1, a-e 10, 11a 100a	{ 12.0	$\frac{50}{840}$	Rhode Island					
<i>Family COCCULINIDÆ.</i>											
Genus COCCULINA Dall.											
929	C. Rathbuni Dall.....	25	5, 7, 7a	13.0	$\frac{100}{816}$	Rhode Island					
930	C. Dalli Verrill.....	.....	.....	6.0	317	Delaware ...			
931	C. Beanii Dall.....	{ 25 44	{ 2, 4, 8 12	{ 8.0	$\frac{100}{813}$	Rhode Island					
932	C. reticulata Verrill										
933	C. spinigera Jeffreys.....	31	7, 8, 9	2.0	$\frac{335}{813}$	N. Atlantic..					
934	C. leptalea Verrill	63	101	4.0	$\frac{204}{2033}$	Rhode Island					
<i>Family PHASIANELLIDÆ.</i>											
Genus PHASIANELLA Lamarck.											
935	P. brevis Orbigny	19	10b	2.0	$\frac{15}{287}$	Hatteras					
936	P. umbilicata Orbigny .....	.....	.....	.....	$\frac{15}{28}$	C. Lookout..		
937	P. pulchella C. B. Adams .....	.....	.....	.....	.....	Cedar Keys..	
<i>Family TURBINIDÆ.</i>											
Genus TURBO Linné.											
938	T. Spenglerianus Chemnitz .....	.....	.....	.....	.....	Florida Str..	
939	T. filusus Kiener .....	.....	.....	.....	.....	Tortugas	
940	T. castaneus Gmelin.....	.....	.....	.....	$\frac{25}{295}$	Hatteras		
941	T. crenulatus Gmelin .....	.....	.....	.....	$\frac{35}{30}$	Hatteras		
Genus ASTRALIUM Link.											
942	A. cælatum Gmelin .....	.....	.....	.....	.....	Key West ...	
943	A. imbricatum Gmelin.....	.....	.....	.....	.....	Florida Keys	
944	A. tuber Linné .....	.....	.....	.....	.....	Jupiter Inlet	
945	A. longispinum Lamarck .....	.....	.....	.....	.....	Florida Keys	
946	A. brevispinum Lamarck .....	.....	.....	.....	.....	Florida Keys	
947	A. americanum Gmelin .....	.....	.....	.....	.....	Florida Keys	

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
†	†	---	†	---	---	†	---	---	---	†	---	Cedar Keys..	
---	---	---	---	---	*	---	---	*	---	---	---	St. Thomas..	
†	†	---	---	---	---	---	---	---	---	††	---	Chesapeake ..	
††	---	---	---	---	---	---	---	†	---	---	---	Barbados....	
†	---	---	---	---	---	---	---	---	---	---	---	Barbados....	
†	---	---	†	---	---	---	---	†	---	---	---	Barbados....	
†	†	*	---	---	---	---	---	---	---	---	---	Hatteras	
---	---	†	---	---	---	---	---	---	---	†	---	Hatteras	
†	†	†	†	---	---	---	---	---	---	---	---	Fernandina ..	
---	---	†*	---	---	†	---	---	†	---	---	---	Martinique..	
---	---	*	---	---	*	---	---	*	*	---	---	Guadalupe ..	
---	---	---	---	---	*	*	---	*	*	---	---	St. Thomas..	
---	---	---	---	?	---	---	---	*	---	---	---	Guadalupe ..	
---	---	---	---	---	*	---	---	---	---	---	---	Trinidad	
---	---	*	---	---	*	*	---	*	---	---	---	Barbados....	
---	---	---	---	---	*	---	---	*	---	---	---	Tortola	
---	---	---	---	---	*	---	---	*	---	---	---	St. Lucia....	
---	---	---	---	*	*	---	---	*	---	---	---	Martinique ..	
---	---	---	---	---	*	---	---	*	*	---	---	Barbados....	
---	---	---	---	---	*	---	---	*	---	---	---	Aspinwall	
---	---	---	---	---	*	---	---	*	---	---	---	Carthagera..	

Family TH

Genus OMPHA

- 951 *O. excavatus* Lamarck
952 *O. fasciatus* Born
953 *O. indusii* Gmelin
954 *O. Hotessierianus*

Genus LIV

- 955 *L. pica* Linné ...

Genus GA

- 956 *G. superba* Dall .
957 *G. Fischeri* Dall .

Subgenus C

- 958 *C. Watsoni* Dall .

Genus MICE

- 959 *M. rotella* Dall .

Genus UMB

- 960 *U. Bairdii* Dall .

Genus TEINO

- 961 *T. semistriata* Or
962 *T. cryptospira* V
963 *T. ———*

Subgenus Ethalia *Ethalia* *Ethalia*

- | | | | | | |
|-----|--------------------------------------|---------|-------|------------------|---------------|
| 964 | <i>E. multistriata</i> Verrill ..... | ..... | 2.5 | $\frac{3}{142}$ | Hatteras |
| 965 | <i>E. solida</i> Dall | 28 3, 5 | 2.0 | 310 | Gulf of Mex. |
| 966 | <i>E. ———</i> ..... | ..... | ..... | $\frac{25}{294}$ | Fernandina . |
| 967 | <i>E. reclusa</i> Dall | 28 7, 8 | 1.0 | $\frac{12}{63}$ | Hatteras |
| 968 | <i>E. suppressa</i> Dall ..... | ..... | 0.75 | ..... | West Florida |

Genus DILLWYNELLA Dall.

- | | | | | | |
|-----|------------------------------|----------|-----|-----|-------|
| 969 | <i>D. modesta</i> Dall. | 21 3, 3a | 3.0 | 226 | |
|-----|------------------------------|----------|-----|-----|-------|

Genus DISCOPSIS De Folin.

- | | | | | | |
|-----|---------------------------------|-------|-----|-------|--------------|
| 970 | <i>D. omalos</i> De Folin | | 0.2 | | Fernandina . |
|-----|---------------------------------|-------|-----|-------|--------------|

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	†	†	*†	†	†	Martinique ..	
....	†	Dominica ...	
....	†	†	Barbados....	
....	?	*	Guadalupe ..	
....	*	Trinidad	
....	*	Santa Cruz..	
....	?	*?	*	Guadalupe ..	
....	*	*	*	*	Aspinwall...	
....	†	†	Barbados....	
....	†	†	St. Lucia....	
....	†	†	†	Barbados....	
....	..	†	†	†	Barbados....	
....	†	†	Yucatan....	
....	*	*	St. Thomas..	
....	..	†	
....	†	†	Barbados....	
....	*†	*	*	Haiti	
....	†	†	Cuba.....	
....	†	†	S. E. Florida.	
....	..	*†	Cape Fear...	
....	*	Gulf of Mex.	
....	†	St. Lucia....	
....	*?	†	Guadalupe ..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus COCHLIOLEPIS Stimpson.						
971	<i>C. parasitica</i> Stimpson .....	.....	.....	.....	.....	S. Carolina..
972	<i>C. striata</i> Stimpson .....	.....	.....	1.5	.....	Tampa
Genus CALLIOSTOMA Swainson.						
973	<i>C. englyptum</i> A. Adams .....	.....	.....	.....	$\frac{3}{32}$	Hatteras
974	<i>C. Bairdii</i> V. & S.	63	96	.....	$\frac{5.6}{640}$	Rhode Island
975	<i>C. aurora</i> Dall	37	2	21.0	$\frac{1.7}{16}$	.....
976	<i>C. circumcinctum</i> Dall	22	3, 3a	8.0	$\frac{6.0}{80}$	Gulf of Mex.
977	<i>C. echinatum</i> Dall	21	2a, 5	5.25	80	Gulf of Mex.
978	<i>C. sapidum</i> Dall	21	2, 4	5.0	805	Gulf of Mex.
979	<i>C. corbis</i> Dall	33	1	5.0	$\frac{2.0}{30}$	Gulf of Mex.
980	<i>C. tiara</i> Watson .....	.....	.....	.....	$\frac{2.0}{80}$	Gulf of Mex.
981	<i>C. roseolum</i> Dall	24	6, 6a	9.5	$\frac{2.1}{200}$	Hatteras
982	<i>C. apicinum</i> Dall	24	3, 3a	7.5	$\frac{1.7}{8}$	Gulf of Mex.
983	<i>C. pulcher</i> C. B. Adams .....	.....	.....	.....	$\frac{1.5}{3}$	Hatteras
984	<i>C. orion</i> Dall	28	2	4.5	80	Florida Str..
Section EUCASTA Dall.						
985	<i>C. indiana</i> Dall	32	3, 5	8.3	170	.....
Section EUTROCHUS A. Adams.						
986	<i>C. jujubinum</i> Gmelin .....	.....	.....	.....	.....	Hatteras
987	var. <i>Tampaënsis</i> Conrad .....	.....	.....	.....	.....	Hatteras
988	var. <i>Rawsoni</i> Dall .....	.....	.....	.....	.....	Cedar Keys..
989	<i>C. yucatecanum</i> Dall	24	4, 4a	7.0	$\frac{1.2}{2}$	Cape Fear...
990	<i>C. Sayanum</i> Dall	33	10, 11	37.0	$\frac{1.2}{27}$	Hatteras
991	<i>C. Benedicti</i> Dall	32	7	14.0	200	C. Lookout..
992	<i>C. cinctellum</i> Dall	32	1, 4	9.5	175	Florida Str..
Section DENTISTYLA Dall.						
993	<i>C. asperillum</i> Dall .....	.....	.....	7.5	$\frac{1.0}{177}$	Hatteras
994	var. <i>dentiferum</i> Dall	23	7, 8	7.5	140	.....
995	<i>C. serieifilum</i> Dall	24	1, 1a	4.5	92	.....
Genus MARGARITA Leach.						
996	<i>M. erythrocoma</i> Dall	28	1	5.0	$\frac{1.0}{34}$	Florida Keys
Subgenus Turcicula Dall.						
997	<i>T. imperialis</i> Dall	22	1, 1a	15.0	$\frac{1.0}{200}$	Florida Str..
Subgenus Bathymophila Dall.						
998	<i>B. enspira</i> Dall	32	8	5.75	$\frac{3.0}{80}$	N. Atlantic..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu-da.	Eur.	West Am.	Southern extreme range.	Range in time
----	----	*	--	----	*	*	----	----	----	----	----	Florida Keys	
----	----	----	----	----	----	*	----	----	----	----	----	Gulf of Mex	
----	----	*	*	*	*	*	*	----	----	----	----	Vera Cruz...	
†	†	*†	--	†	†	----	----	†	----	----	----	Florida Keys	
----	----	----	----	----	----	----	----	†	----	----	----	Barbados....	
----	----	----	----	----	*	----	†	†	----	----	----	Yucatan	
----	----	----	----	----	*	----	----	*	----	----	----	Cuba	
----	----	----	----	----	*	----	----	*	----	----	----	Cuba	
----	----	----	----	----	†	†	----	†	----	----	----	Jamaica	
----	----	----	----	----	†	----	†	†	†	----	----	Dominica ...	
----	----	†	--	†	†	*	†	†	----	----	----	Yucatan	
----	----	----	----	----	†	----	----	†	----	----	----	Barbados....	
----	----	*†	----	----	*	----	*	*	----	----	----	St. Thomas..	
----	----	----	----	----	†	----	----	†	----	----	----	Cuba	
----	----	----	----	----	----	----	----	†	----	----	----	Grenada	
----	----	*	*	*	*	*	*	*	----	----	----	Carthagena ..	Pliocene.
----	----	*	*	*	*	*	----	*	----	----	----	Honduras ...	
----	----	----	----	----	----	*	----	*	----	----	----	Mauritius ...	
----	----	*	----	----	----	*	----	*	----	----	----	Yucatan	
----	----	†	----	----	----	----	----	----	----	----	----	----	
----	----	†	----	----	----	----	----	----	----	----	----	----	
----	----	----	----	----	†	----	----	†	----	----	----	Cuba	
----	----	†	----	----	†	†	----	†	----	----	----	Barbados....	
----	----	----	----	----	----	----	----	†	----	----	----	Barbados....	
----	----	----	----	----	----	----	----	†	----	----	----	Grenada	
----	----	----	----	----	†	----	----	†	----	----	----	Haiti	
----	----	----	----	----	†	----	----	†	----	----	----	Cuba	
----	----	----	----	----	†	----	----	†	----	----	----	Culebra	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Subgenus <i>Solariella</i> A. Adams.						
999	<i>S. amabilis</i> Jeffreys.....	.....	.....	.....	$\frac{123}{888}$	Norway
1000	<i>S. lamellosa</i> V. & S.....	63	98	.....	$\frac{15}{192}$	Rhode Island
1001	<i>S. obscura</i> Couthouy	52	16	.....	$\frac{4}{27}$	Arctic Sea...
1002	<i>S. ægleis</i> Watson .....	.....	.....	.....	$\frac{230}{640}$	Fernandina .
1003	var. <i>lata</i> Dall.....	.....	.....	.....	$\frac{213}{2}$	Florida Str..
1004	var. <i>rhina</i> Watson.....	.....	.....	.....	$\frac{384}{1000}$	Florida Str..
1005	var. <i>clavata</i> Watson.....	.....	.....	.....	$\frac{230}{2}$	Florida Str..
1006	<i>S. infundibulum</i> Watson.....	.....	.....	.....	$\frac{759}{685}$	Delaware ...
1007	<i>S. Ottoi</i> Philippi.....	{ 44 63	{ 14 97}	.....	$\frac{64}{1338}$	Hebrides....
1008	<i>S. scabriuscula</i> Dall.....	21	10, 10a	4. 75	539	Gulf of Mex.
1009	<i>S. lissocona</i> Dall.....	21	8, 8a	5. 5	$\frac{327}{327}$	Cedar Keys..
1010	<i>S. lacunella</i> Dall.....	21	1, 1a	4. 5	$\frac{10}{124}$	C. Hatteras..
1011	var. <i>depressa</i> Dall .....	.....	.....	.....	805	Gulf of Mex.
1012	<i>S. iris</i> Dall	21	7, 7a	5. 0	119	Florida Keys.
1013	<i>S. ———</i> .....	.....	.....	.....	294	Fernandina .
1014	<i>S. ———</i> .....	.....	.....	.....	169	Cedar Keys..
1015	<i>S. lubrica</i> Dall.....	21	9, 9a	4. 0	$\frac{116}{806}$	Cedar Keys..
1016	var. <i>iridea</i> Dall.....	.....	.....	3. 8	193	Cape Florida.
Genus <i>EUCHELUS</i> Philippi.						
1017	<i>E. guttarozea</i> Dall	33	7	5. 0	$\frac{16}{480}$	Florida Str..
1018	<i>E. eucasta</i> Dall.....	.....	.....	.....	440	Georgia
Genus <i>BASILISSA</i> Watson.						
1019	<i>B. alta</i> Watson .....	.....	.....	.....	$\frac{239}{1019}$	Cedar Keys..
1020	var. <i>delicatula</i> Dall.....	22	2, 2a	5. 0	805	Gulf of Mex.
1021	<i>B. superba</i> Watson.....	.....	.....	.....	$\frac{400}{1400}$	Gulf of Mex.
Section <i>ANCISTROBASIS</i> Dall.						
1022	<i>B. costulata</i> Watson .....	.....	.....	.....	$\frac{15}{640}$	Georgia
1023	var. <i>depressa</i> Dall	23	4, 4a	2. 5	640	Gulf of Mex.
Family <i>DELPHINULIDÆ</i>.						
Genus <i>LIOTIA</i> Gray.						
1024	<i>L. cruentata</i> Muhlfeldt .....	.....	.....	.....	.....	Key West ...
1025	<i>L. Riisii</i> Dunker .....	.....	.....	.....	.....	Tortugas
1026	<i>L. Briareus</i> Dall	24	5, 5a	7. 5	$\frac{76}{480}$	Florida Str..
1027	var. <i>perforata</i> Dall .....	.....	.....	.....	$\frac{76}{480}$	Florida Str..
1028	var. <i>aspina</i> Dall .....	.....	.....	.....	$\frac{76}{480}$	Florida Str..
1029	<i>L. Bairdii</i> Dall.....	33	8	6. 0	$\frac{15}{80}$	Hatteras
1030	var. <i>trullata</i> Dall .....	.....	.....	.....	.....	Gulf of Mex.

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	†	†	---	†	---	*	---	St. Lucia....	Pliocene.
---	---	*†	---	---	---	---	---	†	---	---	---	Barbados ...	
?†	---	---	---	---	---	---	---	---	---	*†	*	Rhode Island	
---	---	---	†	---	---	†	---	†	---	---	---	St. Vincent..	
---	---	---	---	†	†	---	---	†	---	†	---	Martinique...	
---	---	---	---	---	†	---	---	†	---	†	---	St. Vincent..	
---	---	---	---	---	†	---	---	†	---	---	---	Brazil.....	
†	†	---	---	---	†	---	---	†	†	---	---	Brazil.....	Pliocene.
†	†	---	---	---	---	---	---	†	---	†	---	St. Thomas..	
---	---	---	---	---	†	---	---	†	---	---	---	Cuba	
---	---	---	---	---	†	†	---	---	---	---	---	Gulf of Mex.	
---	---	†	---	---	†	---	---	†	---	---	---	Santa Cruz..	
---	---	---	---	---	†	---	---	---	---	---	---	Florida Keys.	
---	---	---	---	---	†	---	---	---	---	---	---	Florida Str..	
---	---	---	†	---	---	---	---	---	---	---	---	---	
---	---	---	---	---	---	†	---	---	---	---	---	Gulf of Mex.	
---	---	---	---	---	†	†	---	†	---	---	---	St. Lucia....	
---	---	---	---	---	†	†	---	---	---	---	---	Gulf of Mex.	
---	---	---	---	---	†	---	---	*†	---	---	---	Haiti.....	
---	---	---	†	---	---	---	---	---	---	---	---	---	
---	---	---	---	---	---	†	---	†	---	---	---	Brazil.....	
---	---	---	---	---	†	---	---	†	---	---	---	Tobago	
---	---	---	---	---	---	†	---	---	---	---	---	Australia....	
---	---	---	†	---	*	---	---	†	---	---	---	Culebra	Pliocene.
---	---	---	---	---	---	---	†	†	---	---	---	Yucatan.....	
---	---	---	---	---	*	---	---	*	---	---	---	Honduras ...	
---	---	---	---	---	*	---	---	*	---	---	---	St. Thomas..	
---	---	---	---	---	†	---	---	†	---	---	---	Barbados	
---	---	---	---	---	†	---	---	†	---	---	---	Barbados....	
---	---	---	---	---	†	---	---	†	---	---	---	Barbados....	
---	---	†	†	---	*†	---	---	†	---	---	---	Havana	
---	---	---	---	---	†	---	---	†	---	---	---	Florida Str..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
1031	<i>Liotia tricarinata</i> Stearns .....	.....	.....	.....	$\frac{1\frac{1}{2}}{2\frac{1}{2}}$	Hatteras
1032	<i>L. miniata</i> Dall.....	28	11	2.0	15	Florida Str..
1033	<i>L. variabilis</i> Dall.....	23	2, 2a	4.5	$\frac{2\frac{1}{2}}{2\frac{1}{2}}$	Hatteras
1034	var. <i>microforis</i> Dall .....	.....	.....	.....	$\frac{6\frac{1}{4}}{1\frac{1}{2}}$	Cuba.....
Subgenus Lippistes Montfort.						
1035	<i>L. acrilla</i> Dall.....	32	6, 11	2.0	.....	Garden Key ..
1036	<i>L. amabilis</i> Dall.....	32	9, 12	2.0	80	Florida Str..
Subgenus Laxispira Gabb.						
1037	<i>L. nitida</i> Verrill	46	11	5.0	1423	N. lat. 38°...
Family CYCLOSTREMATIDÆ.						
Genus VITRINELLA C. B. Adams.						
1038	<i>V. multicarinata</i> Stimpson.....	.....	.....	1.5	15	Hatteras
1039	<i>V. interrupta</i> C. B. Adams .....	.....	.....	.....	.....	Tampa
Genus CYCLOSTREMA Marryat.						
1040	<i>C. trochoides</i> Jeffreys.....	.....	.....	2.0	$\frac{2\frac{3}{8}}{2\frac{3}{8}}$	N. Atlantic..
1041	<i>C. fulgidum</i> Jeffreys.....	63	99	2.0	$\frac{4\frac{3}{8}}{2\frac{3}{8}}$	Gulf of Maine
1042	<i>C. ornatum</i> Verrill .....	.....	.....	.....	$\frac{1\frac{1}{2}}{2\frac{1}{2}}$	Hatteras
1043	<i>C. cingulatum</i> Verrill.....	.....	.....	2.0	547	N. lat. 40°...
1044	<i>C. valvatoides</i> Jeffreys.....	.....	.....	.....	$\frac{1\frac{6}{8}}{2\frac{1}{2}}$	C. Lookout..
1045	<i>C. diaphanum</i> Verrill.....	.....	.....	2.5	$\frac{2\frac{3}{8}}{2\frac{3}{8}}$	Rhode Island
1046	<i>C. turbinum</i> Dall.....	33	5	2.75	80	Florida Str..
1047	<i>C. pompholyx</i> Dall	28	9	3.0	$\frac{2\frac{3}{4}}{2\frac{3}{4}}$	Fernandina ..
1048	<i>C. eistronium</i> Dall .....	.....	.....	1.6	$\frac{2\frac{3}{8}}{2\frac{3}{8}}$	Hatteras
1049	<i>C. cancellatum</i> Jeffreys.....	.....	.....	2.5	$\frac{2\frac{3}{4}}{1\frac{1}{2}}$	N. Atlantic..
Subgenus Granigyra Dall.						
1050	<i>G. limata</i> Dall.....	.....	.....	2.5	310	Florida Str..
Genus MOLLERIA .						
1051	<i>M. costulata</i> Möller	72	9	.....	$\frac{1\frac{1}{2}}{2\frac{1}{2}}$	N. Atlantic..
Family NERITIDÆ.						
Genus NERITA Bruguière.						
1052	<i>N. peloronta</i> Linné .....	.....	.....	.....	.....	Jupiter Inlet
1053	<i>N. tessellata</i> Gmelin .....	.....	.....	.....	.....	Jupiter Inlet
1054	var. <i>præcognita</i> C. B. Adams.....	.....	.....	.....	.....	S. Florida...
1055	<i>N. versicolor</i> Lamarck .....	.....	.....	.....	.....	Pine Key....

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda	Eur.	West Am.	Southern extreme range.	Range in time.
.....	*	*	Tampa	Pliocene.
.....	*	*	Barbados....	
.....	*	†	†	Barbados....	
.....	†	Grenada	
.....	*	Florida Str ..	Cuba
.....	†	†	Cuba	
†	†	Florida
.....	*	*	Jamaica	
.....	*	*	Old Provid'ce Fernandina . Fernandina . Rhode Island Cuba..... Fernandina . Cuba..... Cuba..... Cape Fear.. Yucatan....
.....	†	†	†	†	
†	*	†	
.....	*†	†	
††	
.....	†	†	†	†	
†	†	†	
.....	†	†	
.....	†	†	
.....	†*	
.....	†	Pliocene.
.....	Cuba.....	
.....	
.....	
.....	
.....	
.....	
.....	St. Vincent.. Aspinwall.. Aspinwall.. Aspinwall....
.....	*	*	*	*	*	
.....	*	*	*	*	*	*	
.....	*	*	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
Genus NERITINA Lamarck.						
1056	<i>N. reclinata</i> Say .....	.....	.....	.....	.....	St. Augustine
1057	var. <i>palmae</i> Dall .....	.....	.....	.....	.....	Palma Sola..
1058	<i>N. virginea</i> Linné.....	.....	.....	.....	.....	Tampa
1059	<i>N. pupa</i> Linné.....	.....	.....	.....	.....	Charlotte H.
1060	<i>N. viridis</i> Lamarck .....	.....	.....	.....	.....	No Name Key
Section THEODOXUS Montfort.						
1061	<i>N. Showalteri</i> Lea .....	.....	.....	.....	Fluv.	Alabama
Family STOMATIDÆ.						
Genus STOMATELLA Lamarck.						
1062	<i>S. picta</i> Orbigny .....	.....	.....	.....	.....	Florida Keys
Superfamily ZYGobranchia.						
Family HALIOTIDÆ.						
Genus HALIOTIS Linné.						
1063	<i>H. Pourtalesii</i> Dall .....	.....	.....	.....	200	Florida Str..
? Family SCISSURELLIDÆ.						
Genus SCISSURELLA Orbigny.						
1064	<i>S. crispata</i> Fleming	48	15	.....	$\frac{7}{10}$	Norway
1065	<i>S. alta</i> Watson .....	.....	.....	.....	$\frac{150}{100}$	Florida Str..
1066	<i>S. ———</i> .....	.....	.....	.....	$\frac{234}{100}$	Fernandina .
Family PLEUROTOMARIIDÆ.						
Genus PLEUROTOMARIA Sowerby.						
1067	<i>P. Quoyana</i> Fischer and Bernardi ..	$\left\{ \begin{array}{l} 29 \\ 31 \\ 37 \end{array} \right.$	$\left\{ \begin{array}{l} 1 \\ 1a-c \\ 5 \end{array} \right.$	42.0	$\frac{73}{130}$	Gulf of Mex.
1068	<i>P. Adansoniana</i> Crosse and Fischer.	$\left\{ \begin{array}{l} 30 \\ 31 \\ 32 \\ 37 \end{array} \right.$	$\left\{ \begin{array}{l} — \\ 3,6 \\ 10 \\ 4 \end{array} \right.$	130.0	$\frac{69}{200}$	Guadalupe ..
Family FISSURELLIDÆ.						
Genus PUNCTURELLA Lowe.						
1069	<i>P. circularis</i> Dall	26	7, 7b	3.0	539	Gulf of Mex.
1070	<i>P. trifolium</i> Dall	26	8, 8b	7.0	640	Gulf of Mex.
1071	<i>P. Watsoni</i> Dall .....	.....	.....	3.0	$\frac{100}{100}$	Gulf of Mex.
1072	<i>P. profundus</i> Jeffreys .....	.....	.....	.....	$\frac{200}{100}$	Fernandina .
1073	<i>P. agger</i> Watson .....	.....	.....	.....	$\frac{200}{100}$	Florida Str..
1074	<i>P. eritmeta</i> Verrill .....	.....	.....	5.0	1451	Rhode Island

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
1075	<i>Puncturella sportella</i> Watson .....	.....	.....	.....	330	N. lat. 24° ...
1076	<i>P. abyssicola</i> Verrill .....	.....	.....	10.0	1537	N. lat. 39° ...
1077	<i>P. erecta</i> Dall .....	.....	.....	7.0	107	Hatteras
	Subgenus Fissurisepta Seguenza.					
1078	<i>F. triangulata</i> Dall .....	.....	.....	.....	390	Fernandina .
1079	<i>F. rostrata</i> Seguenza .....	.....	.....	.....	.....	N. Atlantic ..
	Subgenus Cranopsis Adams.					
1080	<i>C. asturiana</i> Fischer .....	.....	.....	.....	.....	N. Atlantic ..
	Genus EMARGINULA Lamarck.					
	Subgenus Rimula Defrance.					
1081	<i>R. frenulata</i> Dall	28	4	2.3	52	Hatteras
	Subgenus Subemarginula Blainville.					
1082	<i>S. octoradiata</i> Gmelin .....	.....	.....	.....	.....	Tortugas
1083	<i>S. ———</i> .....	.....	.....	.....	300	Gulf of Mex.
	Subgenus Emarginula s. s.					
1084	<i>E. tumida</i> Sowerby .....	.....	.....	.....	.....	Gulf of Mex.
1085	<i>E. pumila</i> A. Adams .....	.....	.....	.....	10	Turtle Harb.
1086	<i>E. cancellata</i> Philippi .....	.....	.....	.....	287	Britain
1087	<i>E. compressa</i> Cantraine .....	.....	.....	.....	240	Portugal
	Genus FISSURELLA Bruguière.					
1088	<i>F. alternata</i> Say .....	.....	.....	.....	10	Hatteras
1089	var. <i>Sayi</i> Dall .....	.....	.....	.....	92	Florida Str..
1090	<i>F. nodosa</i> Born .....	.....	.....	.....	.....	Tortugas
1091	<i>F. Listeri</i> Orbigny .....	.....	.....	.....	.....	Indian Key ..
1092	<i>F. cayennensis</i> Lamarck .....	.....	.....	.....	.....	Cedar Keys..
1093	<i>F. gemmulata</i> Reeve .....	.....	.....	.....	.....	Tortugas
	Subgenus Glyphis Carpenter.					
1094	<i>G. barbadensis</i> Gmelin .....	.....	.....	.....	.....	Charlotte H.
1095	<i>G. cancellata</i> Sowerby .....	.....	.....	.....	.....	Tortugas
1096	<i>G. Tauneri</i> Verrill	44	13, 13a	16.0	124	Delaware
1097	<i>G. ———</i> .....	.....	.....	.....	90	Key West
1098	<i>G. ———</i> .....	.....	.....	.....	107	Hatteras
1099	<i>G. ———</i> .....	.....	.....	.....	2	Marco
1100	<i>G. fluviana</i> Dall	14	6, 6a	6.0	76	Florida Str..
	Genus FISSURELLIDEA Orbigny.					
1101	<i>F. limatula</i> Reeve .....	.....	.....	.....	10	Cape Fear...

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermu- da.	Eur.	West Am.	Southern extreme range.	Range in time.
.....	†	†	Culebra	
†	
.....	†	
.....	†	†	†	Culebra	Pliocene.
.....	†	†	Fernandina	
.....	†	†	†	†	†	St. Barts	Pliocene.
.....	†	*	Tortugas	
.....	*	*	Barbados	
.....	†	†	Cuba	
.....	*	*	Cuba	
.....	*	*	Haiti	
.....	†	†	*†	*	†*	Barbados	
.....	†	*	†	†	Barbados	Pliocene.
.....	*	*	*	*	*	*	Barbados	Pliocene.
.....	†	†	Barbados	
.....	*	*	*	Barbados	
.....	*	*	*	Barbados	
.....	*	*	†	*	St. Lucia	Pliocene.
.....	*	*	*	Guadalupe ..	
.....	*	*	*	*	Barbados	
.....	*	*	St. Barts	
†	†	†	Hatteras	
.....	†	†	Barbados	
.....	†	
.....	*	
.....	†	†	Barbados	
.....	*	*	†	Barbados	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
1102	<i>Fissurellidea fasciata</i> Pfeiffer .....	.....	.....	.....	.....	Gulf of Mex..
1103	<i>F. pustula</i> Linné.....	.....	.....	.....	.....	C. Lookout..
	Genus CLYPIDELLA Swainson.					
1104	<i>C. fascicularis</i> Lamarck .....	.....	.....	.....	.....	Key West....
	Subclass ISOPLEURA.					
	Order POLYPLACOPHORA.					
	<i>Superfamily EOCHITONIA.</i>					
	<i>Family LEPTOCHITONIDÆ.</i>					
	Genus LEPTOCHITON Gray.					
1105	<i>L. alveolus</i> Sars.....	.....	.....	.....	$\frac{100}{240}$	Arctic Sea...
1106	<i>L. pergranatus</i> Dall.....	.....	.....	.....	$\frac{114}{181}$	Gulf of Mex..
	Genus HANLEYIA Gray.					
1107	<i>H. tropicalis</i> Dall.....	26	8c.8d.	4.0	128	Sand Key ...
1108	<i>H. mendicaria</i> Mighels.....	.....	.....	.....	$\frac{49}{317}$	Arctic Sea ..
	<i>Family ISCHNOCHITONIDÆ.</i>					
	Genus TRACHYDERMON Carpenter.					
1109	<i>T. exaratus</i> Sars.....	45	2, 2a	.....	$\frac{100}{270}$	Norway
1110	<i>T. ruber</i> Lowe.....	51	9	.....	$\frac{6}{80}$	Arctic Sea...
	Genus CHÆTOPLEURA Shuttleworth.					
1111	<i>C. apiculata</i> Sowerby.....	51	10	.....	$\frac{0}{30}$	Cape Cod ...
1112	<i>C. Janeirensis</i> Gray.....	.....	.....	.....	.....	Key West...
	Genus ISCHNOCHITON Gray.					
1113	<i>I. limaciformis</i> Say.....	.....	.....	.....	.....	Key West ...
1114	<i>I. purpurascens</i> C. B. Adams.....	.....	.....	.....	.....	Florida Keys.
1115	<i>I. papillosus</i> C. B. Adams.....	.....	.....	.....	.....	Tampa
1116	<i>I. ———</i> .....	.....	.....	.....	.....	Turtle Harb.
1117	<i>I. funiculatus</i> Carpenter .....	.....	.....	.....	.....	Key West ...
	Genus CERATOZONA Dall.					
1118	<i>C. Guildingi</i> Reeve.....	.....	.....	.....	.....	Jupiter Inlet
	<i>Family LOPHYRIDÆ.</i>					
	Genus CHITON s. s.					
1119	<i>C. squamosus</i> Linné .....	.....	.....	.....	.....	Indian Key..
1120	<i>C. marmoratus</i> Gmelin.....	.....	.....	.....	.....	Texas

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus TONICIA Gray.					
1121	T. Schrammii Shuttleworth.....	.....	.....	.....	.....	Key West ...
	Family ACANTHOPLEURIDÆ.					
	Genus ACANTHOPLEURA Guilding.					
1122	A. picea Gmelin .....	.....	.....	.....	.....	Charlotte H.
	Superfamily OPSICHITONIA.					
	Family PLACOPHORIDÆ.					
	Genus PLACOPHORA Gray (em.).					
1123	P. atlantica Verrill & Smith.....	45 63	1a, b 102a	32.0	443	Off Cape Cod.
	Family MOPALIIDÆ.					
	Genus ACANTHOCHITON Leach.					
1124	A. astriger Reeve.....	.....	.....	.....	.....	Tortugas
1125	A. spiculosus Reeve .....	.....	.....	.....	.....	Cedar Keys...
	Genus NOTOPLAX H. Adams.					
1126	N. floridanus Dall.....	.....	.....	.....	.....	Cape Florida
	Family AMICULIDÆ.					
	Genus AMICULA Gray.					
1127	A. vestita Sowerby	63	103a	.....	10 60	Arctic Sea...

TABLE VI. F.—*List of Cephalopoda.*

	Class CEPHALOPODA.				
	Order DIBRANCHIATA.				
	Suborder OCTOPODA.				
	Family ARGONAUTIDÆ.				
	Genus ARGONAUTA Linné.				
1	A. argo L. var. americana Dall	43 64 67	1a-b 142b 1-3	.....	N. lat. 43° ...
	Suborder SEPIOPHORA.				
	Family SPIRULIDÆ.				
	Genus SPIRULA Lamarck.				
2	S. Peronii Lamarck	68	4	.....	Cape Cod ...

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber-mu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
---	---	---	---	---	*	---	---	*	*	---	---	Guadalupe ..	
---	---	---	---	---	*	*	---	*	*	---	---	New Grenada	
?	---	---	---	---	---	---	---	---	---	---	---	Rhode Island	
---	---	---	---	---	*	---	---	*	---	---	---	St. Thomas..	
---	---	---	---	---	*	*	---	*	---	---	---	Barbados....	
---	---	---	---	---	*	---	---	---	---	---	---	Key West ...	
† ?	---	---	---	---	---	---	---	---	---	---	†	New York ?..	

TABLE VI. F.—*List of Cephalopoda*.

*	---	*	---	---	---	*	---	*	---	?	* ?	Brazil?.....	
* ?	* ?	* ?	* ?	* ?	* †	* †	---	†	* ?	---	---	Tropics ?	

SUMMARY OF THE TABLES.

The following table shows the relative proportions of the different groups included in the fauna and enumerated in the tables preceding :

	In the tables.	Extra limital.
Brachiopods	21	2
Pelecypods	487	13
Scaphopods	44	2
Pteropods	33	3
Gastropods	1, 127	59
Cephalopods	2	.....
Total	1, 714	79
Deduct extra-limital species	79	.....
Total enumerated species from Sandy Hook to Florida and the Rio Grande.	1, 635	.....

It may be added that, with but few exceptions, the enumerated extra-limital forms are likely, with further exploration, to be found in our region.

If all the Nudibranchiata, Heteropoda, and Cephalopoda were enumerated the total would be at least eighteen hundred forms.

It is probable that some of the species enumerated in the tables will hereafter prove to be synonymous with other enumerated species. But there is a reasonable prospect of the discovery of deep-water species, new to science or to the region, and of Antillean species which extend to the region of the Florida Keys which are not here enumerated, so that the loss from the above-mentioned cause will probably be more than made up numerically. This being the first attempt to enumerate the Molluscan fauna of the whole region, generalizations may well be deferred.

EXPLANATION OF THE PLATES.

NOTE.—The figures following the authority for the specific name denote the actual length in millimeters of the longest diameter of the figure, whether that be the height or the breadth, except where otherwise stated.

PLATE I.

- FIG. 1. *Corbula Krebsiana* C. B. Adams; 6.1.
 1 a. " "
 1 b. " "
 2. *Basterotia quadrata* Hinds; 10.0; left valve.
 2 a. Same, hinge seen from above.
 2 b. " " " " below.
 3. *Corbula Knoxiana* C. B. Adams; 12.7; front.
 3 a. " " back of left valve.
 3 b. " "
 3 c. " "
 4. *Corbula disparilis* D'Orbigny; 9.0.
 4 a. " "
 4 b. " "
 5. *Corbula Dietziana* C. B. Adams; 10.7.
 5 a. " "
 5 b. " "
 6. *Corbula Kjoeriana* C. B. Adams; 12.0
 6 a. " "
 6 b. " "
 7. *Corbula cymella* Dall; 13.5.
 7 a. " "

All the above, except figures 2 a, 2 b, and 4 a, 4 b, are drawn by W. H. Dall with the camera lucida from typical specimens of the describer in the museum at Amherst.

The following plates (I-XI) are from the Report on the Mollusca of the Blake Expedition, parts I and II, drawn by J. C. McConnell (except where otherwise stated) from the specimens. For the use of these plates we are indebted to Prof. Alex. Agassiz.

PLATE II.

- FIG. 1 a, 1 b. *Verticordia (Enciroa) elegantissima* Dall; 13.25.
 2, 2 a. *Halonympha claviculata* Dall; 12.0.
 3 a, 3 b. *Cardiomya perrostrata* Dall; 8.0.
 4 a, 4 b. *Verticordia (Haliris) Fischeriana* Dall; 10.0.
 5 a-5 c. *Corbula Swiftiana* C. B. Adams, from type; 10.4.
 6 a-6 d. *Corbula Chittyana* C. R. Adams, from type; 8.5.
 7, 7 a-c. *Corbula Barrattiana* C. B. Adams, from types; 8.9.

PLATE III.

- FIG. 1. *Cuspidaria obesa* Lovèn, var.? 13.0.
 2. *Cuspidaria Jeffreysi* Dall; 15.0.
 3. *Cuspidaria arcuata* Dall; 12.5; inside.
 4. Same, outside.
 5. *Myonera limatula* Dall; 11.15.
 6. *Cardiomya pectinata* Cpr., var. *beringensis* Leche [N. W. coast of America]; 6.0.
 7. *Myonera lamellifera* Dall; 12.5.
 8. *Leiomya (Plectodon) granulata* Dall; 11.0.
 9. *Cardiomya corpulenta* Dall; 14.0.
 10. *Cardiomya striata* Jeffreys; 19.0.

PLATE IV.

- FIG. 1 a. *Pecten (Amusium) Dalli* E. A. Smith; 62.0; inside of lower valve.
 1 b. The same, inside of upper valve.
 2. *Pecten (Pseudamusium) Sigsbeeii* Dall; 11.5.
 3. *Pecten (Propeamusium) Pourtalesianus* Dall, var. *marmoratus*; 13.5.
 4 a-b. *Pecten (Pseudamusium) imbrifer* Lovèn; 12.5.
 5 a-b. *Dimya argentea* Dall; 12.0.
 6. *Cardium (antillarum* Orb. var.?) *ceramidum* Dall; 8.2.
 7. *Cardium peramabilis* Dall; 12.5.
 8. *Abra lioica* Dall; 8.1.
 9 a-b. *Saxicava azaria* Dall; 25.0.

PLATE V.

- FIG. 1, 2. *Pecten (Propeamusium) cancellatus* E. A. Smith; 26.0.
 1 a. The same; a bit of the sculpture enlarged.
 3. *Pecten (Propeamusium) Sayanus* Dall; 15.5.
 4. *Pecten caurinus* Gould, young valve; 6.0.
 5. *Pecten (Propeamusium) Holmesii* Dall; 12.0.
 6. *Hinnites Adamsi* Dall; upper valve; 28.0.
 7, 7 a. *Pecten (Propeamusium) alaskensis* Dall; 22.8; West America.
 8. *Pecten (Pseudamusium) reticulus* Dall; 7.0.
 9. *Pecten (Propeamusium) Sayanus* Dall; 15.5.
 10. *Pecten (Pseudamusium) reticulus* Dall; 7.0.
 11. *Pecten (Propeamusium) Holmesii* Dall; 12.0.
 12. *Pecten (Propeamusium) Pourtalesianus* Dall; 13.5.

PLATE VI.

- FIG. 1. *Magasella radiata* Dall; 6.1; N. W. America.
 2. *Thecidium Barrettii* Davidson; 5.1.
 3. *Modiola polita* V. and S.; 42.5.
 4 a-c. *Terebratula Bartlettii* Dall; 40.0.
 5. *Pecten (Janira) hemicyclius* Ravenel; 4.0.
 Inside view of upper shell of young fry.
 6. *Terebratula incerta* Davidson; 11.5; interior.
 6 a. The same; horizontal view of loop.
 7, 8. *Modiolaria lateralis* Say; 7.5.
 9, 10. *Arca ectocomata* Dall; 46.0.
 11. *Tellina sybaritica* Dall; 7.0.
 12. *Crassatella floridana* Dall; young shell; 11.0.

PLATE VII.

- FIG. 1 a-b. *Leda (Neilonella) corpulenta* Dall; 9.5.
 2. *Nucula crenulata* A. Adams; 6.0.
 3 a-b. *Leda acuta* Conrad; 9.5.
 4 a-b. *Gouldia cerina* C. B. Adams; 10.5; type.
 5 a-b. *Astarte Smithii* Dall; 7.0.
 6 a-b. *Astarte nana* (? Jeffreys) Dall; 8.2.
 7 a-b. *Leda solidijacta* Dall; 12.5.
 8. *Leda acuta* Conrad; 9.5.

PLATE VIII.

- FIG. 1, a. *Tindaria cytherea* Dall; 8.6.
 2. *Nucula* var. *obliterata* Dall; 6.0.
 3, 3 a. *Arca polycyma* Dall; 9.75.
 4, 4 a. *Macrodon asperula* Dall; 8.5.
 5. *Arca pectunculoides*, var. *orbiculata*, Dall; 8.0.
 6. *Leda (Saturnia) quadrangularis* Dall; 4.6.
 7, 7 a. *Limopsis antillensis* Dall; 4.25.
 8, 8 a. *Pandora (Clidiophora) carolinensis* Bush; 14.2.
 9, 9 a. *Arca glomerula* Dall; 5.75.
 10. *Cetoconcha margarita* Dall; 7.3.
 11. *Leda Carpenteri* Dall; 10.5.
 12, 12 a. *Leda vitrea*, var. *cerata*, Dall; 6.5.
 13. *Vesicomya pilula* Dall; 2.6.

PLATE IX.

- FIG. 1, 1 a. *Yoldia liorhina* Dall; 13.1.
 2, 2 a. *Yoldia solenoides* Dall; 12.5.
 3. *Leda Carpenteri* Dall; 10.5.
 4. *Mangilia serga* Dall; 9.0.
 5. *Mangilia citronella* Dall; 4.0.
 6. *Mangilia Pourtalesii* Dall; 17.0.
 7, 7 a. *Xylophaga abyssorum* Dall; 4.0.
 8. *Conus Agassizii* Dall; 30.0; adult.
 8 a. The same, young shell; 9.0.
 9. *Daphnella leucophlegma* Dall; 10.25.
 10. *Daphnella (Eubela) limacina* Dall; 11.0.

PLATE X.

- FIG. 1. *Gymnobela Blakeana* Dall; 8.25.
 2. *Gymnobela extensa* Dall; 12.25.
 3. *Mangilia bandella* Dall; 9.37.
 4. *Mangilia antonia* Dall; 5.75.
 5. *Leucosyrinx Verrillii* Dall; 36.0.
 6. *Drillia polytorta* Dall; 33.5.
 7. *Drillia ancestra* Dall; 19.0.
 8. *Drillia albicoma* Dall; 25.7.
 9. *Pleurotomella Emertonii* Verrill & Smith; 34.0.
 10. *Daphnella reticulosa* Dall; 11.5.
 11. *Daphnella sofia* Dall, outer lip imperfect; 8.0.
 12. *Mangilia* ? *scipio* Dall, outer lip imperfect; 14.0.

PLATE XI.

- FIG. 1. *Drillia nucleata* Dall; 13.5.
 2. *Drillia Verrillii* Dall; 5.5.
 3. *Drillia lissotropis* Dall, young; 4.5.
 4. *Drillia lissotropis* Dall, adult; 7.0.
 5. *Drillia havanensis* Dall; 9.0.
 6. *Drillia lithocolleta* Watson, young; 12.5.
 7. *Drillia smirna* Dall; 15.0.
 8. *Drillia oleacina* Dall; 10.0.
 9. *Mangilia pelagia* Dall; 10.75.
 10. *Leucosyrinx Sigsbeeii* Dall; 25.5.
 11. *Mangilia antonia* Dall, young; 7.0.
 12. *Mangilia comatotropis* Dall; 6.0.
 13. *Pleurotomella leucomata* Dall; 13.5.
 14. *Mangilia Agassizii* V. & S.; young shell of var. *mexicana* Dall; 8.5.
 15. *Mangilia quadrata* var. *monocingulata* Dall; 6.75.
 16. *Mangilia quadrata* var.; 7.0.
 17. *Mangilia peripla* Dall; 8.0.
 18. *Drillia premorra* Dall; 9.5.

PLATE XII.

- FIG. 1. *Daphnella morra* Dall; 5.75.
 2. *Drillia pharcida* Dall; 9.5.
 3. *Mangilia ? subsida* Dall; 13.0.
 4. *Cythara cymella* Dall; 13.0.
 5. *Genota mitrella* Dall; 12.5.
 6. *Cythara Bartlettii* Dall, adult; 8.0.
 7. *Mangilia elusira* Dall; 9.25.
 8. *Mangilia toreumata* Dall; 10.5.
 9. *Pleurotomella filifera* Dall; 17.5.
 10. *Glyphostoma gratula* Dall; 17.5.
 11. *Drillia detecta* Dall; 11.75.
 12. *Ancistrosyrinx radiata* Dall; 13.0.

PLATE XIII.

- FIG. 1. *Drillia eucosmia* Dall; 19.0.
 2. *Genota (Dolichotoma) viabrunnea* Dall; 33.0.
 3. *Drillia haliostrephis* Dall; 20.0.
 4. *Glyphostoma Gabbii* Dall, young; 9.5.
 5. *Glyphostoma Gabbii* Dall, young; 9.5.
 6. *Drillia pagodula* Dall; 13.5.
 7. *Glyphostoma Gabbii* Dall, adult; 19.0.
 8. *Glyphostoma Gabbii* Dall, young; 16.0.

PLATE XIV.

- FIG. 1. *Amalthea benthophila* Dall, on spine of Echinoderm, viewed from above; 8.0.
 1 a. *Amalthea benthophila* Dall, from the right; 8.0.
 1 b. *Amalthea benthophila* Dall, from below; 8.0.
 2. *Loripes compressa* Dall; 11.0.
 3. *Capulus (Hyalorisia) galea* Dall, from below; 18.5.
 3 a. *Capulus (Hyalorisia) galea* Dall, profile; 18.5.
 4. *Pleurotomella Packardii* var. *Benedicti* V. & S.; 11.0.
 5. *Cythara Bartlettii* Dall, nearly adult; 10.0.
 6. *Glyphis fluviana* Dall, from below; 10.6.
 6 a. *Glyphis fluviana* Dall, profile; 10.6.
 7. *Daphnella corbicula* Dall; 11.2.
 8. *Cythara Bartlettii* Dall, young; 10.0.
 9. *Umbraculum bermudense* Mörch? young shell; 10.0.
 10. *Umbraculum bermudense* Mörch? profile; 10.0.

PLATE XV.

- FIG. 1. *Murex Pazi* Crosse, young shell; 7.5.
 2. *Trophon? actinophorus* Dall; 17.5.
 3. *Pteronotus tristichus* Dall; 15.5.
 4. *Trophon lacunella* Dall; 41.0.
 5. *Dolium (Eudolium) Crosseanum* Monterosato; 35.0.
 6. *Mitra (Costellaria?) styria* Dall; 19.0.
 7. *Typhis (Trubatsa) longicornis* Dall, young; 7.5.
 8. *Mitra (Thala?) torticula* Dall; 12.2.
 9. *Mangilia? exsculpta* Watson; 30.0.
 10. *Fusus benthalis* Dall; 15.0.
 11. *Fusus amiantus* Dall; 17.0.
 12. *Nassarina Bushii* Dall; 9.0.

PLATE XVI.

- FIG. 1. *Ocenebra (Favartia) cellulosa* Conrad, young; 12.0.
 2. *Murex pomum* Gmelin, very young; 15.0.
 3. *Murex Hidalgoi* Crosse; 23.0.
 4. *Murex hystericina* Dall; 21.0.
 5. *Coralliophila Deburghii* Reeve, young; 20.0.
 6. *Coralliophila lactuca* Dall, young; 11.0.

PLATE XVII.

- FIG. 1. *Actæon incisus* Dall; 9.0.
 1 b. *Actæon incisus* Dall var., adolescent; 6.8.
 2. *Actæon melampoides* Dall; 6.0.
 3. *Utriculus vortex* Dall; 7.5.
 4. *Utriculus Frickei* Dall; 8.2.
 5. *Actæon delicatus* Dall; 10.0.
 6. *Bulla eburnea* Dall; 7.25.
 7. *Atys? Sandersoni* Dall; 6.5.
 8. *Utriculus (vortex var.?) domitus* Dall; 9.0.
 9. *Sabatia bathymophila* Dall, adult; 16.5.
 9 b. *Sabatia bathymophila* Dall, adolescent; 10.0.
 10. *Scaphander Watsoni* Dall; 8.75.
 11. *Bulla abyssicola* Dall; 12.75.
 12. *Actæon Danaida* Dall; 11.0.

PLATE XVIII.

- FIG. 1. *Scala hellenica* var. *Mörchiana* Dall; 6.87.
 2. *Scala discobolaria* Dall; 6.5.
 3. *Actæon perforatus* Dall; 7.75.
 4. *Scala aurifila* Dall; 11.0.
 5. *Niso interrupta* Sowerby var. *albida* Dall; 8.1.
 6. *Niso interrupta* var. *albida* Dall, base; 3.5.
 7. *Aclis nucleata* Dall; 9.3.
 8. *Aclis lata* Dall; 5.5.
 9. *Scala contorquata* Dall; 4.7.
 10. *Scala polacia* Dall, aperture imperfect; 7.25.
 11. *Scala formosissima* Jeffreys; 8.5. The aperture is a little distorted where it joins the body whorl.
 11 b. *Scala belaurita* Dall; 8.3.
 12. *Aclis egregia* Dall; 13.0.

PLATE XIX.

- FIG. 1. *Rissoa precipitata* Dall; 4.0.
 2. *Marginella seminula* Dall; 7.0.
 3. *Marginella Watsoni* Dall; 9.5.
 4. *Marginella fusina* Dall; 8.0.
 5. *Marginella yucatecana* Dall; 5.62.
 6. *Marginella succinea* Conrad; 12.0.
 7. *Marginella torticula* Dall; 11.5.
 8. *Columbella* (*Anachis*?) *Verrillii* Dall; 9.0.
 9. *Pedicularia decussata* Gould, profile; 6.0.
 9 b. *Pedicularia decussata*, young, showing spiral apex; 2.5.
 10. *Rissoa xanthias* Watson, var. *acuticostata* Dall; 3.7.
 10 b. *Eucosmia brevis* Orbigny; 2.0.
 10 c. *Columbella* (*Anachis*) *amphissella* Dall; 4.0.
 10 d. *Dalium solidum* Dall; 41.0.
 11. *Eulima* (*Melanella*) *arcuata* C. B. Adams; 4.0.
 11 b. *Leiostraca fusus* Dall; 13.5.
 11 c. *Eulimella unifasciata* Forbes; 6.0.

PLATE XX.

- FIG. 1. *Cerithiopsis Sigsbeeana* Dall; 10.5.
 2. *Cerithiopsis Martensii* Dall; 11.25.
 3. *Cerithiopsis crystallina* Dall; 16.0. Poor figure.
 4. *Eumeta subulata* Montagu; 14.25.
 5. *Cerithiopsis abrupta* Watson; 4.3.
 5 a. *Triforis triserialis* Dall; 8.25.
 6. *Triforis cylindrella* Dall; 6.5.
 6 a. *Triforis triserialis* Dall; 15.5.
 7. *Mathilda yucatecana* Dall; 8.0.
 8. *Triforis triserialis* var. *intermedia* Dall; 11.0.
 9. *Triforis abrupta* Dall; 7.5.
 10. *Triforis longissima* Dall; 26.0.
 11. *Triforis bigemma* var. *hircus* Dall; 12.5.
 11 b. *Triforis torticula* Dall; 10.5.
 12. *Triforis colon* Dall; 12.0.
 12 b. *Triforis inflata* Watson var. *ibex* Dall; 11.0.

PLATE XXI.

- FIG. 1. *Solariella lacunella* Dall; base, 5.0.
 1 a. *Solariella lacunella* Dall; profile, 4.5.
 2. *Calliostoma sapidum* Dall; 5.0.
 2 a. *Calliostoma echinatum* Dall; base, 4.75.
 3. *Dillwynella modesta* Dall; top, alt. 3.0.
 3 a. *Dillwynella modesta* Dall; profile, diam. 4.0.
 4. *Calliostoma sapidum* Dall; base, 4.12.
 5. *Calliostoma echinatum* Dall; 5.25.
 6. *Umbonium Bairdii* Dall, young specimen; profile, alt. 4.0.
 6 a. *Umbonium Bairdii* Dall; base, diam. 5.0.
 7. *Solariella iris* Dall; profile, 5.0.
 7 a. *Solariella iris* Dall; base, 5.5.
 8. *Solariella lissocona* Dall; profile, 5.5.
 8 a. *Solariella lissocona* Dall; base, 4.5.
 9. *Solariella lubrica* Dall; profile, 4.0.
 9 a. *Solariella lubrica* Dall; base, 3.25.
 10. *Solariella scabriuscula* Dall; base, 4.0.
 10 a. *Solariella scabriuscula* Dall; profile, 4.75.
 11. *Lunatia fringilla* var. *perla* Dall; 6.5.
 12. *Lunatia fringilla* Dall; 5.75.

PLATE XXII.

- FIG. 1. *Turcicula imperialis* Dall, immature shell without the apical whorls; 13.0.
 1 a. *Turcicula imperialis* Dall; base, 13.0.
 2. *Basilissa alta* Watson, var. *delicatula* Dall; alt. 5.0.
 2 a. *Basilissa alta* Watson, var. *delicatula* Dall; base, diam. 6.0.
 3. *Calliostoma circumcinctum* Dall; diam. 6.9.
 3 a. *Calliostoma circumcinctum* Dall; alt. 8.0.
 4. *Gaza superba* Dall; profile, alt. 24.0.
 4 a. *Gaza superba* Dall; base, diam. 35.5.
 5. *Microgaza rotella* Dall; base, diam. 6.75.
 5 a. *Microgaza rotella* Dall; profile, alt. 4.0.
 6. *Fluxina brunnea* Dall; profile, alt. 10.75. The margins of the aperture are broken.
 6 a. *Fluxina brunnea* Dall; base, diam. 15.5.
 7. *Callogaza Watsoni* Dall; profile, alt. 7.75.
 7 a. *Callogaza Watsoni* Dall; base, diam. 12.5.

PLATE XXIII.

- FIG. 1. *Callogaza Watsoni* Dall, young; 8.0.
 1 a. *Callogaza Watsoni* Dall, young; 8.0.
 2. *Liotia variabilis* Dall; base, diam. 6.0. A calcareous foraminifer is attached to the periphery.
 2 a. The same in profile, alt. 4.5.
 3. *Solarium Sigsbeeii* Dall; diam. 5.5. Margin of aperture defective.
 3 a. The same in profile, alt. 2.3.
 4. *Basilissa costulata* Watson var. *depressa* Dall; base, diam. 5.0.
 4 a. *Basilissa costulata* Watson var. *depressa* Dall; profile, alt. 2.5.
 5. *Fluxina discula* Dall; profile, alt. 3.0.
 6. *Fluxina discula* Dall; base, 6.5.
 7. *Calliostoma (Dentistyla) asperrium* var. *dentiferum* Dall; base, 6.0.
 8. *Calliostoma (Dentistyla) asperrium* var. *dentiferum* Dall; profile, showing tooth on the pillar; 7.5.

PLATE XXIV.

- FIG. 1. *Calliostoma (Dentistyla) sericifilum* Dall; 4.2.
 1 a. *Calliostoma (Dentistyla) sericifilum* Dall; base, 4.5.
 2. *Callogaza Watsoni* Dall, base of young shell; 6.0.
 2 a. *Callogaza Watsoni* Dall; 6.0.
 3. *Calliostoma apicinum* Dall; alt. 7.5.
 3 a. *Calliostoma apicinum* Dall; base, diam. 7.0.
 4. *Calliostoma yucatecanum* Dall; 7.0.
 4 a. *Calliostoma yucatecanum* Dall; base, 7.0.
 5. *Liotia briareus* Dall; alt. 7.5.
 5 a. *Liotia briareus* Dall; base, 9.0.
 6. *Calliostoma roseolum* Dall; alt. 9.5.
 6 a. *Calliostoma roseolum* Dall; base, 7.0.
 7. *Leptothyra Philipiana* Dall; alt. 3.5.
 7 a. *Leptothyra Philipiana* Dall; base, diam. 4.0. This species is named in honor of Dr. Philip P. Carpenter.

PLATE XXV.

- FIG. 1. *Addisonia (lateralis* var. ?) *paradoxa* Dall; from above; 10.0.
 1 b. *Addisonia (lateralis* var. ?) *paradoxa* Dall, profile; alt. 4.0.
 1 c. *Addisonia (lateralis* var. ?) *paradoxa* Dall; from below, showing soft parts.
 1 d. *Addisonia (lateralis* var. ?) *paradoxa* Dall; showing animal crawling.
 1 e. *Addisonia (lateralis* var. ?) *paradoxa* Dall; dentition, complete series across the radula.
 2. *Cocculina Beanii* Dall; dentition, transverse series and one detached uncinus.
 3. *Pectinodonta arcuata* Dall; dentition, pair of laterals.
 3 a. *Pectinodonta arcuata* Dall; base of right lateral, with cusp broken off.
 3 b. *Pectinodonta arcuata* Dall; shell in profile, twice natural size.
 4. *Cocculina Beanii* Dall; in profile; 8.0.
 5. *Cocculina Rathbuni* Dall; dentition, transverse series and two detached uncini.
 6. *Lepetella tubicola* Verrill; dentition, transverse series.
 7. *Cocculina Rathbuni* Dall, from above; 10.0.
 7 a. *Cocculina Rathbuni* Dall, in profile; 10.0.
 8. *Cocculina Beanii* Dall, from above; 8.0.

PLATE XXVI.

- FIG. 1. *Dentalium sericatum* Dall; 13.0.
 2. *Turbonilla interrupta* Totten; foot of animal from below, greatly magnified.
 2 b. *Turbonilla interrupta* Totten; animal from above.
 3. *Turritella yucatecana* Dall; 16.5.
 4. *Siliquaria modesta* Dall; 26.0.
 5. *Dentalium ceratum* Dall; 30.0.
 6. *Bivonia? exserta* Dall, young in first stage; 11.0.
 7. *Puncturella circularis* Dall; from below; 5.75.
 7 b. *Puncturella circularis* Dall, profile; 5.75.
 7 c. *Turbonilla curta* Dall; the aperture is imperfect; 8.3.
 7 d. *Turbonilla belothea* Dall; 14.0.
 8. *Puncturella trifolium* Dall, from below; 14.0.
 8 b. *Puncturella trifolium* Dall, profile; 14.0.
 8 c. *Hanleyia tropicalis* Dall; medial valve; 4.0.
 8 d. *Hanleyia tropicalis* Dall; posterior valve; 3.0.
 9. *Dentalium ophiodon* Dall; 12.5.
 10. *Mathilda barbadense* Dall; .2.

PLATE XXVII.

- FIG. 1. *Dentalium laqueatum* Verrill; 29.0.
 2. *Dentalium ceratum* Dall, very young; 7.0.
 3. *Dentalium carduus* Dall; 16.0.
 4. *Dentalium Gouldii* Dall, var. *obscurum*; 28.0.
 5. *Cadulus quadridentatus* Dall, and outline of aperture; 10.0.
 6. *Dentalium perlongum* Dall, and outline of aperture; 80.0.
 7. *Cadulus amiantus* Dall; 5.75.
 8. *Cadulus lunula* Dall, and outline of aperture; 6.0.
 9. *Cadulus æqualis* Dall, and outline of aperture; 15.0.
 10. *Dentalium callithrix* Dall; 25.0.
 11. *Cadulus acus* Dall; 8.0.
 12. *Dentalium ensiculus* Jeffreys, and outline of aperture; 20.0.
 12 a. *Cadulus Watsoni* Dall, and outline of aperture; 13.0.
 12 b. *Dentalium callipeplum* Dall; 36.0.
 12 c. *Cadulus Agassizii* Dall, and outline of aperture; 9.0.
 12 d. *Cadulus cucurbita* Dall, and outline of aperture, 4.0.

NOTE.—When the outline of the aperture is given it is on the same scale as the figure to which it refers, and its antero-posterior line is from left to right, or in the direction of a line drawn across the plate horizontally.

PLATE XXVIII.

- FIG. 1. *Margarita erythrocoma* Dall; alt. 5.0.
 2. *Calliostoma orion* Dall; alt. 4.5.
 3. *Ethalia solida* Dall; base, 2.75.
 4. *Rimula frenulata* Dall; from above; 6.25.
 5. *Ethalia solida* Dall, profile; 2.0.
 6. *Fossarus (Gottoina) compactus* Dall, profile; 2.3.
 7. *Ethalia reclusa* Dall, profile; alt. 1.0.
 8. *Ethalia reclusa* Dall, base; 2.1.
 9. *Cyclostrema pompholyx* Dall; 4.2.
 10. *Fossarus (Gottoina) bellus* Dall; 3.5.
 11. *Liotia miniata* Dall; 2.5.

PLATE XXIX.

- FIG. 1. *Pleurotomaria Quoyana* F. & B. The animal sketched from life by J. H. Blake, redrawn by McConnell; 50.0.
 2. *Lampusia gracile* Reeve; 25.5.
 3. *Aurinia Gouldiana* Dall; 69.0.
 4. *Fusus caloosænsis* Heilprin; 60.0. In arranging the figures for the plates, by an error this figure was substituted for that of *F. timesus*, Dall. The figure of *F. timesus* will therefore appear in my Report on the Fossils of the Florida Pliocene.
 5. *Æsopus Stearnsii* Tryon; 4.0.
 6. *Terebra (Acus) benthalis* Dall; 21.0.
 7. *Dolophanes Gabbii* Dall; 9.00.
 8. *Mesostoma migrans* Dall; 9.25.

PLATE XXX.

- FIG. 1. *Pleurotomaria Adansoniana* C. & F. Redrawn by McConnell from water-color sketch from life by J. H. Blake. The shell is merely indicated.
2. Anterior termination of gill in *P. Adansoniana*. *a*, osphradium; *b*, blood sinus (?). Only the inner series of gill lamellæ is here indicated. At this part of the gill they are narrow and pointed; farther back they become broader and more rounded at the distal end.
 3. Posterior free termination of intestine (*c*) lying on the glandular (renal ?) organ, behind which in the commissure are two orifices on each side (*a*), with a short bunch of papillæ behind them and the flaps of the mantle with their papillose edges (*b*) corresponding to the edges of the sinus on each side.
 4. Another specimen.
 5. The first specimen crawling.
 6. The head, viewed from above.

PLATE XXXI.

- FIG. 1. *Pleurotomaria Quoyana* F. & B. Rhachidian and lateral teeth much magnified. 1 *b*, one of the outermost uncini; 1 *c*, one of the inner tricuspid uncini greatly magnified.
2. *Propilidium ancyloide* Forbes. Transverse row of teeth from above. 2 *b*, rhachidian and lateral teeth in profile; 2 *c*, jaw. All much magnified. Scandinavia and Britain.
 3. *Pleurotomaria Adansoniana* C. & F. Separated teeth numbered in their order from the rhachis; *o*, rhachidian tooth.
 4. General view of a single transverse row of teeth.
 5. Same, a single tufted uncinus; $1\frac{1}{2}$.
 6. Same, eud of tufted uncinus; $2\frac{5}{10}$.
 7. *Cocculina spinigera* Jeffreys. Penis from above magnified.
 8. *Cocculina spinigera* Jeffreys. Head from above, showing tentacles and position of penis at the side of the right tentacle, magnified.
 9. Rhachidian tooth of *C. spinigera*.
 10. *Scutellina antillarum* Shuttleworth. Showing rhachidian tooth laterals and consolidated uncini of one side of a single transverse row of the radula; $1\frac{8}{10}$.
 11. The same, a single separated uncinus.

PLATE XXXII.

- FIG. 1. *Calliostoma (Eutrochus) cinctellum* Dall; 8.0.
2. *Pleurotoma periscelida* Dall; 40.5.
 3. *Calliostoma (Eucasta) indiana* Dall; 7.6.
 4. *Calliostoma (Eutrochus) cinctellum* Dall; 9.5.
 5. *Calliostoma (Eucasta) indiana* Dall; 8.5.
 6. *Liotia (Lippistes) acrilla* Dall; 4.3.
 7. *Calliostoma (Eutrochus) Benedicti* Dall; 18.0.
 8. *Margarita (Bathymophila) euspira* Dall; alt. 5.75; max. diam. 7.0.
 9. *Liotia (Lippistes) amabilis* Dall; 5.0.
 10. *Pleurotomaria Adansoniana* C. & F.; 35.0.
 11. *Liotia (Lippistes) acrilla* Dall; 4.3.
 12. *Liotia (Lippistes) amabilis* Dall; 5.0.
 - 12 a. *Nassarina Grayi* Dall; 12.0.

PLATE XXXIII.

- FIG. 1. *Calliostoma corbis* Dall; 5.0.
 2. *Solarium peracutum* Dall; 17.5.
 3. *Ovulactœon Meekii* Dall; apex 3.0.
 4. *Ovulactœon Meekii* Dall; 5.5.
 5. *Solarium peracutum* Dall; 17.5.
 6. *Cyclostrema turbinum* Dall; 3.25.
 7. *Euchelus guttarosæ* Dall; 5.00.
 8. *Liotia Bairdii* Dall; 6.0.
 9. *Leptothyra Linnei* Dall; 5.5.
 10. *Calliostoma (Eutrochus) Sayanum* Dall; 40.0.
 11. *Calliostoma (Eutrochus) Sayanum* Dall; 37.0.

PLATE XXXIV.

These figures are from drawings by the late Dr. William Stimpson.

- FIG. 1. *Olivella mutica* Say. *a-g*, varieties of form and color, natural size; *h*, operculum, natural size; *i, l*, operculum outside and inside, magnified; *m*, animal crawling; *n*, head, showing absence of eyes and tentacles; *o*, section of oral aperture magnified; *p*, penis; *r*, section of shell showing absorption of internal walls.
 2. *Olivella mutica* Say; dentition.
 3. *Purpura hamastoma* Linné var. *floridana* Conrad. *c*, animal from below, natural size; *d*, head and verge from above.
 4. *Purpura hamastoma* Linné var. *floridana* Conrad; dentition.
 5. *Scaphella junonia* Hvass. *b*, shell one-half natural size; *c*, sculpture of early whorls; *d*, nucleus; *e*, section of shell.
 6. *Volutomitra grönlandica* Beck. Young shell and magnified nucleus. Cape Cod northward.
 7. *Volutomitra grönlandica* Beck. Rhachidian tooth; *a*, from above; *b*, in profile.
 8. *Oliva literata* Lamarck. *a*, animal crawling, $\frac{2}{3}$; *b*, tentacula and eyes; *c*, soft parts removed from the shell, showing (*f*) foot, (*g*) propodium, (*h*) respiratory siphon, (*i*) vent, (*l*) posterior filament of mantle, (*m*) mantle raised up, (*n*) verge, (*o*) gill; *d*, section of muzzle showing proboscis extruded; *e*, gill and sensory organ (osphradium).
 8♀. *Oliva literata* Lamarck. Dentition taken from a female specimen.

PLATE XXXV.

- FIG. 1. *Mitromorpha biplicata* Dall; 7.0.
 2. *Aurinia robusta* Dall; 119.0.
 3. *Columbella (Astyris) profundus* Dall; 8.0.
 4. *Cancellaria (Trigonostoma) Agassizi* Dall; 13.5.
 5. *Fusus eucosmius* Dall; 85.0.
 6. *Benthobia Tryoni* Dall; 13.0.
 7. *Fusus halistreptus* Dall; 80.0.
 8. *Marginella cassis* Dall; 15.0.
 9. *Columbella (Astyris) diaphana* Verrill; 9.0.
 10. *Conomitra Blakeana* var. *lavior* Dall; 9.75.
 11. *Liomesus? Stimpsoni* Dall; 32.5.
 12. *Eudolium Verrillii* Dall; 32.0.
 12 a. *Sipho (Ptychosalpinx?) globulus* Dall; 31.0.

PLATE XXXVI.

- FIG. 1. *Drillia alesidota* var. *macilenta* Dall; 36.5.
 2. *Lampusia pharcida* Dall; 23.6.
 3. *Drillia* (*Cymatosyrinx*) *Moseri* Dall; 30.0.
 4. *Daphnella pompholyx* Dall; 12.5.
 5. *Leucosyrinx tenoceras* Dall; 60.0.
 6. *Pleurotomella Edgariana* Dall; 58.0.
 7. *Mesorhytis Meekiana* Dall; 15.5.
 8. *Terebra nassula* Dall; 55.0.
 9. *Drillia* (*Cymatosyrinx*) *centimata* Dall; 22.5.
 10. *Drillia* (*Cymatosyrinx*) *apynota* Dall; 15.0.
 11. *Cordieria Rouaultii* Dall; 13.6.

PLATE XXXVII.

- FIG. 1. *Cancellaria* (*Trigonostoma*) *Smithii* Dall; 10.5.
 2. *Calliostoma aurora* Dall; lat. 26.5.
 3. *Ringicula nitida* Verrill; 7.5.
 4. *Pleurotomaria* (*Entemnotrochus*) *Adansoniana* Crosse and Fischer; major diam. 88.0.
 5. *Pleurotomaria* (*Perotrochus*) *Quoyana* Fischer and Bernardi; major diam. 48.0.
 6. *Gaza Fischeri* Dall, enlarged three-fifths; diameter of specimen, 25.0.

PLATE XXXVIII.

- FIG. 1. *Pleurotoma* (*Leucosyrinx*) *subgrundifera* Dall; 30.0.
 2. *Marginella Watsoni* Dall; 9.5.
 3. *Pleurotoma* (*Ancistrosyrinx*) *elegans* Dall; 27.0.
 4. *Vermetus* (*Petalconchus*) *erectus* Dall; 25.0.
 5. *Typhis* (*Trubatsa*) *longicornis* Dall, adult; 23.0.
 6. *Leptothyra induta* Watson var. *albida* Dall; 7.0.
 7. *Mitra Swainsoni* Broderip var. *antillensis* Dall; 80.0.

PLATE XXXIX.

- FIG. 1. *Bushia elegans* Dall; 12.5.
 2. *Cetoconcha bulla* Dall; interior of left valve; 13.0.
 3. *Cetomya elongata* Dall; left valve; 22.5.
 4. *Verticordia perversa* Dall; 5.0.
 5. *Cetoconcha bulla* Dall; left valve; 13.0.
 6. *Terebratulina cubensis* Pourtales, side view of shell adhering to a bit of coral, natural size.
 7. *Verticordia* (*Euciroa*) *elegantissima* Dall; left valve of old individual, natural size.
 8. *Terebratulina Cailleti* Crosse, young specimen considerably magnified.
 9. *Eudesia floridana* Pourtales; natural size.
 10. *Terebratulina cubensis* Pourtales; interior of hæmal valve enlarged about one-fourth, from an original drawing by W. H. Dall.
 11. *Eudesia floridana* Pourtales; interior of hæmal valve, natural size, from an original drawing by W. H. Dall.

PLATE XL.

- FIG. 1. *Pecten phrygium* Dall; 36.5.
 2. *Cuspidaria microrrhina* Dall, dorsal view of right valve, natural size
 3. The same, side view.
 4. *Cardium (Fulvia?) peramabilis* Dall; ‡.
 5. *Callocardia (Vesicomya) venusta* Dall; 19.0.
 6. *Amusium Dalli* E. A. Smith, natural size.
 7. *Meiocardia Agassizii* Dall; 22.0.
 8. *Tindaria amabilis* Dall; 15.0.

PLATE XLI.

- FIG. 1. *Mangilia oxytata* Bush.
 2. *Mangilia lanceolata* Adams var. *psila* Bush.
 3. *Mangilia melanitica* Dall var. *oxia* Bush.
 3 a. *Mangilia melanitica* Dall var.
 4. *Mangilia atrostyla* Dall.
 4 a. *Mangilia atrostyla* Dall.
 5. *Nassarina glypta* Bush.
 5 a. *Nassarina glypta* Bush.
 6. *Triforis turris-thomæ* Orbigny.
 7. *Adeorbis supranitidus* Wood.
 7 a. *Adeorbis supranitidus* Wood.
 8. *Scala teres* Bush.
 9. *Eulimella? engonia* var. *teres* Bush.
 10. *Niso interrupta* Sby. var. *ægleës* Bush.
 11. *Volvula acuta* Orbigny.
 12. *Volvula oxytata* Bush.
 13. *Tornatina Candei* Orbigny.
 14. *Cylichnella bidentata* Orbigny.
 15. *Retusa cælata* Bush.
 16. *Philine sagra* Orbigny.
 16 a. *Philine sagra* Orbigny.
 17. *Actæon punctostriatus* Adams, var.
 18. *Dentalium leptum* Bush.
 18 a. *Dentalium leptum* Bush.
 19. *Cadulus carolinensis* Bush.
 20. *Cadulus quadridentatus* var. *incisus* Bush.
 21. *Cuspidaria ornatissima* Orbigny.

The drawings for this plate were made by Miss Bush, and lent by Professor Verrill for use in the present publication. They first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, part ii, plate xiv).

PLATE XLII.

- FIG. 1. *Pteronotus phaneus* Dall; 17.0.
 2. *Pseudamusium strigillatum* Dall; 10.0.
 3. *Eupleura Stimpsoni* Dall; 12.0.
 4. *Crassatella floridana* Dall; 50.0.
 5. *Benthonella gaze* Dall; 10.0.
 6. *Marginella cineracea* Dall; 13.0.
 7. *Mitra Bairdii* Dall; 35.0.
 8. *Scala babylonia* Dall; 30.0.
 9. *Pecten effluens* Dall; 26.0.
 10. *Peristichia toreta* Dall; 10.75.
 11. *Cyclostrema cistronium* Dall; max. diam, 2.0.

The figures on this plate are unpublished and were drawn for the U. S. Fish Commission by J. C. McConnell.

PLATE XLIII.

- FIG. 1. *Argonauta argo* Lin. var. *americana* Dall. The animal slightly contracted by alcohol.
- 1 a. The same, the shell from in front.
 - 1 b. The same, from the side.
 2. *Abralia megaptera* Verrill, front view of one of the sessile arms, $\frac{7}{8}$.
 3. *Carolonia* (*Diacria*?) *Harger* Verrill. This is referred by Pelseneer to the young of some indeterminate *Carolonia*, but the large size of the shell and the absence of intermediate specimens would seem to render this decision questionable.
 4. *Atlanta Peronii* Lesueur, side view.
 - 4 a. The same, front view.
 5. *Heterodoris robusta* V. and E., dorsal view.
 - 5 a. The same, ventral view.
 6. *Doris complanata* Verrill and Emerton, dorsal view.
 7. *Koonsia obesa* Verrill, somewhat distorted by alcohol; $\frac{1}{2}$.
 8. *Cæcum Cooperi* Smith: anterior part of shell showing animal extended, enlarged about 10 diameters.

This plate appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, pl. xxviii). The figures were drawn for the U. S. Fish Commission by Mr. J. H. Emerton.

PLATE XLIV.

- FIG. 1. *Coralliophila Deburghiae* Reeve var. *Lintoni* Verrill; 27.0.
2. *Eudolium Crosseanum* Monterosato; 60.0.
 - 2 a. The same, part of the odontophore, $\frac{2}{3}$.
 - 2 b. The same, animal partly contracted by alcohol.
 3. *Lunatia levicula* Verrill; 39.0.
 4. *Marginella* (*apicina* var.?) *borealis* Verrill; 11.0.
 5. *Adeorbis*? *olivaceus* Verrill; 4.0.
 6. *Capulus hungaricus* Linné; 20.0.
 7. *Pleurotomella Packard* Verrill; soft parts.
 8. *Mangilia comatotropic* Dall.
 9. *Choristes elegans* Carpenter, young shell, enlarged.
 - 9 a. Top view of a somewhat older specimen, same scale.
 - 9 b. Basal view of a still older specimen, same scale.
 10. *Addisonia paradoxa* Dall, part of the radula.
 11. The same, shell in profile, $\frac{7}{8}$.
 - 11 a. The same, dorsal view of the same specimen.
 - 11 b. The same, the animal, viewed from below, in shell, $\frac{7}{8}$.
 12. *Cocculina Beanii* Dall, $\frac{8}{9}$.
 13. *Glyphis Tanneri* Verrill, top; 35.0.
 - 13 a. " " " profile; alt. 17.0.
 14. *Solariella Ottoi* Philippi, part of one side of the radula.
 15. *Utriculus vortex* Dall; $\frac{1}{4}$.
 16. *Mangilia cerina* Kurtz & Stimpson, soft parts, from life, enlarged about 8 diameters.
 - 16 a. *Mangilia cerina* K. & S., dorsal view of head and foot more extended.

This plate first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, pl. xxix). The figures were drawn for the U. S. Fish Commission, by J. H. Emerton, under the direction of Prof. A. E. Verrill.

PLATE XLV.

- FIG. 1. *Placophora atlantica* Verrill & Smith; nat. size.
 1 a. The same, dorsal view.
 1 b. The same, views of detached valves, two diameters.
 2. *Trachydermon exaratus* Sars; 20.0.
 2 a. The same, ventral view.
 2 b. Anterior valve, $\frac{1}{4}$.
 3. *Cuspidaria lamellosa* Sars; 7.3.
 4. *Lyonsia*? *arata* Verrill & Smith; 36.0.
 5, 6. The same; views of the beak and hinge of two specimens to show variations; $\frac{1}{4}$.
 7. *Lyonsiella* (*insculpta* Jeffreys var. ?) *gemma* Verrill; 4.5. Interior of left valve.
 8. The same; exterior of the right valve of a larger specimen.
 9. *Verticordia* (*Trigonulina*) *ornata* Orbigny; 3.0.
 9 a. The same, view of the interior.
 10. *Diplodonta turgida* Verrill & Smith; 25.0.
 11. The same, interior of a somewhat smaller valve.
 12. *Modiola polita* Verrill & Smith; 33.0.
 13. *Tellinya ferruginosa* Montagu; 8.5, with the animal extended.
 14. *Leda pernula* Müller; 17.0. Halifax to Martha's Vineyard, on the American coast; Europe.
 14 a. The same, view of the hinge.
 15. *Leda acuta* Conrad; 12.0. Side view.
 16. *Idas argenteus* Jeffreys, var. *lamellosus* Verrill & Smith; $\frac{1}{4}$.
 16 a. The same, interior of the right valve; $\frac{1}{4}$.

This plate first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi., pl. xxx). The figures were drawn, under the direction of Prof. A. E. Verrill, for the U. S. Fish Commission, by J. H. Emerton.

PLATE XLVI.

- FIG. 1. *Purpura hæmastoma* Linné var. *floridana* Conrad, operculum, inside view, nat. size.
 1 a. The same, outside view.
 2 a. The same, a view of the shell, nat. size.
 2 b. The same, from the opposite side. [The preceding figures were drawn by the late Dr. William Stimpson.]
 3. *Pleurotomella chariessa* Watson; 52.0.
 4. *Pleurotomella tinctoria* Verrill; 22.0.
 5. *Pleurotomella frielei* Verrill; 22.0.
 6. *Pleurotomella vitrea* Verrill; 8.0.
 7. *Pleurotomella lottæ* Verrill; 11.5.
 8. *Pleurotomella* (*Gymnobela*) *blakeana* Dall; 8.0.
 9. *Admete*? *nodosa* Verrill; 12.0.
 10. *Jumala brychia* Verrill; 41.0.
 10 a. The same, operculum.
 11. *Laxispira nitida* Verrill; 5.0.
 12. *Omalaxis nobilis* Verrill; diam. 11.0, alt. 3.0.
 13. *Pleurobranchus americanus* Verrill; 13.5.
 14. *Coleophysis*? *eburnea* Verrill; 6.0.
 15. *Actæon melampoides* Dall; 8.0.

PLATE XLVI—Continued

- FIG. 16. *Dentalium candidum* Jeffreys ; 75.0 ;
 17. The same, young shell ; 35.0.
 18. *Dentalium laqueatum* Verrill ; 45.0.
 19. *Cadulus spectabilis* Verrill ; 22.0.
 20. *Cadulus grandis* Verrill ; 12.5.
 21. *Pseudamusium undatum* Verrill & Smith ; 19.0.
 22. *Cryptodon grandis* Verrill ; 21.0.
 23. *Barbatia* (*Macrodon*?) *profundicola* Verrill ; 12.0.
 23. The same, interior of left valve.
 24. *Discinisca atlantica* King ; 6.2 ; view from above, the setæ projecting from the shell.

With the exceptions mentioned, the figures above enumerated first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, pl. xlv). They were drawn under the supervision of Prof. A. E. Verrill, for the U. S. Fish Commission, by Messrs. J. H. Blake and J. H. Emerton.

PLATE XLVII.

- FIG. 1. *Melampus flavus* Gmelin ; 12.0.
 2. *Melampus floridanus* Shuttleworth ; 7.5.
 3. *Melampus coffeus* Linné, nat. size.
 4. *Pedipes elongatus* Dall ; 4.0.
 5. *Tralia pusilla* Gmelin ; 11.0.
 6. *Pedipes unisulcatus* Cooper, west coast of America. Introduced for comparison.
 7. *Detracia bulloides* Montagu ; 11.0.
 8. *Auriculastrum pellucens* Menke ; 16.0. In old specimens the peristome becomes rather thick.
 9. *Melampus lineatus* Say ; nat. size.
 10. *Sayella Crosseana* Dall ; 2.5.
 11. *Sayella Hemphillii* Dall ; 3.75.
 12. *Melampus lineatus* Say, typical or banded form, nat. size.
 13. *Leuconia bidentata* Montagu.
 14. *Blauneria heteroclita* Montagu.
 15. *Pedipes liratus* Binney ; 3.3. This is extremely similar to *P. mirabilis* Muhl. feldt, the common species of the Antilles, Bermuda, and the Florida region. It is introduced for comparison.
 16. *Melampus oliraceus* Carpenter, nat. size. West America.
 17. *Pedipes mirabilis* Muhl. feldt, var. *naticoides* Stearns ; 3.6.

Figures 4, 6, 8, 10, 11 were drawn by J. C. McConnell, and have appeared in the Proceedings of the National Museum ; Fig. 17 was drawn by Prof. E. S. Morse ; the remainder are extracted from Binney's Land and Fresh Water Shells of North America, published by the Smithsonian Institution, and were furnished by the Institution for this publication.

PLATE XLVIII.

- FIG. 1. *Drillia thea* Dall; 15.0.
 2. *Oscilla nivea* Mörch; 8.5.
 3. *Mangilia limonitella* Dall; 6.75.
 4. *Turbonilla (Parthenia) cedrosa* Dall; 5.5. The aperture is a little broken.
 5. *Mitra floridana* Dall; 6.0.
 6. *Phos purvus* Ads. var. *intricatus* Dall; 13.2.
 7. *Drillia leucocyma* Dall; 7.5. The last whorl of this specimen has been repaired after fracture.
 8. Teeth of *Capulus hungaricus* Linné, much enlarged.
 9. *Sipho pygmaeus* Gould, showing soft parts.
 10. *Tachyrhynchus erosa* Couthouy?, showing animal and part of the shell, enlarged. Cape Cod northward, West America, Arctic Seas.
 11. *Liostruca Hemphillii* Dall; 3.0.
 12. *Crepidula (Janacus) unguiformis* Lamarek, dentition much enlarged.
 13. *Nassa trivittata* Say, twice nat. size, showing animal as if crawling.
 14. *Limacina helicina* Phipps; dentition, enlarged.
 15. *Scissurella crispata* Fleming, showing animal, from a sketch by Lucas Barrett; 4.0.
 16. *Crepidula fornicata* Lamarek, from below, showing soft parts; 20.0.

Figures 1-7 and 11 were drawn by J. C. McConnell and first appeared in the Proceedings of the U. S. National Museum. Figures 9, 10, 13, and 16 were loaned by the U. S. Fish Commission and are now first published. They were drawn by Prof. A. E. Verrill. Figures 8, 12, 14, and 15 have appeared in the publications of the British Museum and Woodward's Manual, and were loaned by the Smithsonian Institution.

PLATE XLIX.

- FIG. 1. *Terebratulina caputserpentis* Linné, showing interior of hæmal valve somewhat enlarged. *T. septentrionalis* Couthouy (see plate lxix) appears to be an American race of this species.
 2. The same, showing soft parts.
 3. *Platidia seminula* Philippi (*P. anomioides* Scacchi); interior of hæmal valve, much enlarged.
 4. The same, showing soft parts; 4.5.
 5. *Yoldia limatula* Say, showing animal; †.
 6. *Parastarte triquetra* Conrad; 5.0. Exterior.
 7. The same, interior of right valve.
 8. The same, interior of left valve.
 9. *Myu arenaria* Linné with the left valve, and mantle-lobe and part of the siphons removed, showing anatomical features: *a*, anterior adductor muscle; *a'* posterior adductor; *b*, visceral mass or body; *cl*, cloaca; *e*, epidermis of siphons; *f*, foot; *g*, gills; *h*, heart; *m*, cut edge of the mantle; *o*, mouth; *s, s'*, siphons; *t*, labial palpi; *v*, vent; *u*, the umbo of the shell; *p. o.*, pedal orifice of the mantle; *r*, rectum. From a drawing by Miss Hume.
 10. *Lyonsia hyalina* Conrad, showing animal extended.
 11. *Thecidium mediterraneum* Sowerby; 5.5; interior of hæmal valve showing soft parts.

Figure 10 is loaned by the U. S. Fish Commission. Figures 6, 7, and 8 are taken from the Proceedings of the U. S. National Museum. The others are from the British Museum series, and were loaned by the Smithsonian Institution.

PLATE L.

- FIG. 1. *Purpura lapillus* Linné.
 2. The same; a younger specimen.
 3. The same; ovicapsules enlarged about four times.
 4. *Chrysodomus (Sipho) pygmaeus* Gould.
 5. *Scala multistriata* Say.
 6. *Urosalpinx cinereus* Say.
 7. *Nassa trivittata* Say.
 8. *Nassa vibex* Say.
 9. *Nassa (Ilyanassa) obsoleta* Say.
 10. *Scala Sayana* Dall; 17.0.
 11. *Eupleura caudata* Say, small northern form.
 12. *Anachis avara* Say, variety.
 13. *Astyris pura*? Verrill; (*A. zonalis* Linsley, non Verrill).
 14. *Mangilia*? *plicosa* C. B. Adams.
 15. *Mangilia*? *bicarinata* Couthouy.
 16. *Astyris lunata* Say.
 17. *Bela harpularia* Conthouy.
 18. *Lunatia triseriata* Say; young.
 19. The same; older specimen.
 20. *Lunatia immaculata* Totten.
 21. *Natica pusilla* Say.
 22. *Cæcum pulchellum* Stimpson.
 23. *Crepidula fornicata* Lamarck.
 24. The same; young specimen.
 25. *Crepidula convexa* Say.
 26. *Crepidula (unguiformis* Lam. var. ?) *plana* Say.
 27. *Crucibulum striatum* Say; profile.
 28. The same, from below.

Except where otherwise indicated the figures are of natural size. These figures were drawn by E. S. Morse, were first published in Mr. W. G. Binney's edition of Gould's Invertebrata of Massachusetts, and were loaned on the present occasion by the U. S. Fish Commission.

PLATE LI.

- FIG. 1. *Lunatia heros* Say, showing animal crawling.
 2. *Acmæa testudinalis* Linné, profile.
 3. The same, from below.
 4. *Vermicularia spirata* Philippi.
 5. *Litorina palliata* Say.
 6. *Litorina rudis* Maton.
 7. *Acmæa testudinalis* var. *alveus* Couthouy, profile.
 8. The same from below.
 9. *Trachydermon ruber* Linné.
 10. *Chaetopleura apiculata* Say.
 11. *Lunatia heros* Say.
 12. *Neverita duplicata* Say.

The same remarks apply to these figures as to those included in Plates L, LII, and LIII.

PLATE LII.

- FIG. 1. *Eumeta subulata* Montagu; (*Cerithiopsis Emersonii* Ad.).
 2. *Cerithiopsis Greenii* C. B. Adams.
 3. *Triforis adversa* var. *nigrocincta* Adams.
 4. *Bittium alternatum* Say; (*B. nigrum* Totten).
 5. *Seila terebralis* C. B. Adams.
 6. *Turbonilla elegans* Verrill.
 7. *Odostomia bisuturalis* Say.
 8. *Odostomia trifida* Totten.
 9. *Alexia myo-otis* Draparnaud, young shell.
 10. *Odostomia seminuda*.
 11. *Odostomia impressa* Say.
 12. *Rissoa* (*Onoba*) *aculeus* Gould.
 13. *Syrnola producta* Adams.
 14. *Eulima intermedia* Cautrairie (*E. oleacea* K. and S.).
 15. *Syrnola fusca* Adams.
 16. *Solariella obscura* Couthouy.
 17. *Rissoa* (*Cingula*) *minuta* Totten.
 18. *Skenea planorbis* Fabricius.
 19. *Lacuna vineta* Montagu.
 20. *Haminea solitaria* Say.
 21. *Cylichna alba* Brown.
 22. *Actæon puncto striatus* Adams.
 23. *Cylichnella oryza* Stimpson.
 24. *Diaphana debilis* Gould.
 25, 26. *Utriculus pertenuis* Mighels, a series showing variations.
 27. *Tornatina canaliculata* Say; 5.0.

Figures 6, 25, and 26 were loaned by the U. S. Fish Commission; and were drawn by Prof. A. E. Verrill. See remarks under Plate L.

PLATE LIII.

- FIG. 1. *Anomia simplex* Orbigny, side view.
 2. The same, from below.
 3. *Siliqua costata* Say.
 4. *Ensis americana* Gould.
 5. *Anomia aculeata* Gmelin, from above.
 6. The same, from below.
 7. The same, sculpture magnified.
 8. The same, smooth variety.
 9. *Modiolaria corrugata* Stimpson.
 10. *Crenella glandula* Totten.
 11. *Pecten irradians* Lamarck, typical form.

For remarks see note to Plate L.

PLATE LIV.

- FIG. 1. *Modiola plicatula* Lamarck, typical form.
 2. *Modiolaria nigra* Gray.
 3. *Mytilus edulis* Linné, rayed color-variety.
 4. *Modiola modiolus* Linné.

For remarks see note to Plate L.

PLATE LV.

- FIG. 1. *Tellina tenera* Say, showing extended animal.
 2. *Mya arenaria* Linné, showing extended animal.
 3. *Tagelus gibbus* Spengler, showing extended animal.
 4. *Ensis americanus* Gould, showing extended animal.
 5. The same, terminal siphonal papillæ.
 6. *Teredo navalis* Linné, removed from burrow, showing external soft parts, shell, and pallets.
 7. *Venus mercenaria* Linné, showing extended animal.

These figures were loaned by the U. S. Fish Commission. They first appeared in the first Annual Report of the Commission in Prof. A. E. Verrill's report on the invertebrate animals of Vineyard Sound, and were drawn from life by Professor Verrill.

PLATE LVI.

- FIG. 1. *Yoldia limatula* Say.
 2. *Arca transversa* Say.
 3. *Tagelus gibbus* Spengler.
 4. *Nucula proxima* Say.
 5. *Tagelus divisus* Spengler.
 6. *Macoma baltica* Linné, var. *fusca* Adams.
 7. *Kellia planulata* Stimpson, enlarged about twice nat. size.
 8. *Nucula delphinodonta* Mighels, enlarged to about twice nat. size.
 9. *Yoldia sapotilla* Gould.
 10. *Macoma tenta* Say, typical form.
 11. *Gemma purpurea* H. C. Lea (*G. gemma* Totten), identified from Lea's type.
 12. *Tellina tenella* Verrill.
 13. *Tellina tenera* Say.
 14. *Cumingia tellinoides* Conrad.
 15. *Cytherea convexa* Say.
 16. *Arca (Argina) pexata* Say.

For remarks see note under Plate L. Fig. 12 was drawn by Prof. A. E. Verrill.

PLATE LVII.

- FIG. 1. *Cyprina islandica* Linné.
 2. *Mactra solidissima* Dillwyn.

For remarks see note under Plate L.

PLATE LVIII.

- FIG. 1. *Astarte undata* Gould.
 2. *Cryptodon Gouldii* Philippi.
 3. *Solenomya velum* Say.
 4. *Astarte quadrans* Gould, Long Island Sound northward to Nova Scotia.
 5. *Cardium pinnulatum* Conrad.
 6. *Divaricella dentata* Wood.
 7. *Astarte castanea* Say.
 8. *Liocardium Mortoni* Conrad, showing extended animal.
 9. *Venericardia borealis* Conrad, typical form.
 10. *Venericardia borealis* var. *novangliæ* Morse.
 11. *Eriphylla lunulata* Conrad, enlarged.
 12. *Cryptodon obesus* Verrill, greatly enlarged.
 13. *Eriphylla lunulata* Conrad, natural size.
 14. *Lucina filosa* Stimpson.

See Plate L for remarks. Figures 1, 11, and 12 were drawn by Prof. A. E. Verrill.

PLATE LIX.

- FIG. 1. *Xylotrya fimbriata* Jeffreys; showing shell, interior and exterior, pallets, and sculpture, enlarged.
2. *Teredo navalis* Linné; exterior of shell, pallets, and sculpture, enlarged.
3. *Teredo megotara* Hanley; shell, interior and exterior, and pallets, enlarged.
4. *Teredo Thomsoni* Tryon; shell, interior and exterior, and pallets, enlarged.
5. *Thracia myopsis* Beck; Arctic Seas to Cape Cod.
6. *Periploma (Cochlodesma) Leana* Couthouy.
7. *Periploma fragilis* Totten.
8. *Gastranella tumida* Verrill, enlarged.
9. *Chamaea (Chamaea) Stephens and Adams*; Arctic Seas to New York.
10. *Chamaea (Chamaea) Say.*
11. *Chamaea (Chamaea) Conrad.*
12. *Chamaea (Chamaea) Macata Say.*
13. *Chamaea (Chamaea) Haynes.*
14. *Chamaea (Chamaea) Dall (C. trilineata Gould non Say).*
15. *Chamaea (Chamaea) Lamarck.*
- FIG. 8 was drawn by Prof. A. E. Verrill.

PLATE LX.

1. *Chamaea (Chamaea) Verrill & Smith.*
2. *Chamaea (Chamaea) Verrill & Smith; view of last whorl, showing anal notch.*
3. *Chamaea (Chamaea) Verrill; adult.*
4. *Chamaea (Chamaea) Verrill.*
5. *Chamaea (Chamaea) Verrill.*
6. *Chamaea (Chamaea) Verrill; var. Benedicti Verrill & Smith.*
7. *Chamaea (Chamaea) Verrill; showing sculpture of larval or Sinusigera shell.*
8. *Chamaea (Chamaea) Verrill; young.*
9. *Chamaea (Chamaea) Verrill; showing Sinusigera sculpture.*
10. *Chamaea (Chamaea) Verrill; var. formosa Jeffreys.*
11. *Chamaea (Chamaea) Dall.*
12. *Chamaea (Chamaea) Verrill & Smith.*
13. *Chamaea (Chamaea) Verrill & Smith.*
14. *Chamaea (Chamaea) Verrill & Smith.*
15. *Chamaea (Chamaea) Verrill & Smith.*
16. *Chamaea (Chamaea) Verrill & Smith.*
17. *Chamaea (Chamaea) Verrill & Smith.*
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62. *Chamaea (Chamaea) Verrill & Smith.*
63. *Chamaea (Chamaea) Verrill & Smith.*
64. *Chamaea (Chamaea) Verrill & Smith.*
65. *Chamaea (Chamaea) Verrill & Smith.*
66. *Chamaea (Chamaea) Verrill & Smith.*
67. *Chamaea (Chamaea) Verrill & Smith.*
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69. *Chamaea (Chamaea) Verrill & Smith.*
70. *Chamaea (Chamaea) Verrill & Smith.*
71. *Chamaea (Chamaea) Verrill & Smith.*
72. *Chamaea (Chamaea) Verrill & Smith.*
73. *Chamaea (Chamaea) Verrill & Smith.*
74. *Chamaea (Chamaea) Verrill & Smith.*
75. *Chamaea (Chamaea) Verrill & Smith.*
76. *Chamaea (Chamaea) Verrill & Smith.*
77. *Chamaea (Chamaea) Verrill & Smith.*
78. *Chamaea (Chamaea) Verrill & Smith.*
79. *Chamaea (Chamaea) Verrill & Smith.*
80. *Chamaea (Chamaea) Verrill & Smith.*
81. *Chamaea (Chamaea) Verrill & Smith.*
82. *Chamaea (Chamaea) Verrill & Smith.*
83. *Chamaea (Chamaea) Verrill & Smith.*
84. *Chamaea (Chamaea) Verrill & Smith.*
85. *Chamaea (Chamaea) Verrill & Smith.*
86. *Chamaea (Chamaea) Verrill & Smith.*
87. *Chamaea (Chamaea) Verrill & Smith.*
88. *Chamaea (Chamaea) Verrill & Smith.*
89. *Chamaea (Chamaea) Verrill & Smith.*
90. *Chamaea (Chamaea) Verrill & Smith.*
91. *Chamaea (Chamaea) Verrill & Smith.*
92. *Chamaea (Chamaea) Verrill & Smith.*
93. *Chamaea (Chamaea) Verrill & Smith.*
94. *Chamaea (Chamaea) Verrill & Smith.*
95. *Chamaea (Chamaea) Verrill & Smith.*
96. *Chamaea (Chamaea) Verrill & Smith.*
97. *Chamaea (Chamaea) Verrill & Smith.*
98. *Chamaea (Chamaea) Verrill & Smith.*
99. *Chamaea (Chamaea) Verrill & Smith.*
100. *Chamaea (Chamaea) Verrill & Smith.*

PLATE LXI.

- FIG. 75. *Pleurotomella Bruneri* Verrill & Smith.
 76. *Pleurotomella catherinæ* Verrill & Smith.
 76 a. The same, enlarged tip, showing sculpture of nucleus.
 77. *Mangilia comatotropicis* Dall.
 78. *Bela Tanneri* Verrill & Smith.
 79. *Marginella (apicina* var. ?) *borealis* Verrill.
 80. *Buccinum abyssorum* Verrill, and operculum.
 81. *Sipho Sarsii* Jeffreys.
 82. *Sipho* (?) *glyptus* Verrill.
 86. *Rissoa Jan-Mayeni* Friele.
 90. *Scala gronlandica* Perry.
 91. *Scala Dalliana* Verrill & Smith.
 92. *Scala Pourtalesii* Verrill & Smith.
 93. *Scala (Opalia) Leeana* Verrill.
 94. *Scala Andrewsii* Verrill; 5.5, Newport, R. Id., 100 fms.

For remarks on these figures see note under preceding plate.

PLATE LXII.

- FIG. 83. *Eudolium Crosseanum* Monterosato.
 83 a. The same, showing soft parts of male specimen reduced one-third from natural size.
 84. *Obcorys sulcata* Fischer; shell.
 84 a. The same; operculum.
 84 b. The same; dentition.
 85. *Torellia fimbriata* Verrill & Smith; Martha's Vineyard and northward.
 87. *Fossarus elegans* Verrill & Smith.
 88. *Seguenzia monocingulata* Seguenza.
 88 a. The same, operculum, inside view.
 89. The same, var. *eritima* Verrill.

For remarks on these figures see note under Plate LX.

PLATE LXIII.

- FIG. 95. *Solarium boreale* Verrill, young shell.
 95 a. The same, still younger, showing immersed nucleus.
 96. *Calliostoma Bairdii* Verrill & Smith; from above, showing animal crawling.
 97. *Solariella Ottoi* Philippi.
 98. *Solariella lamellosa* Verrill & Smith.
 99. *Cyclostrema fulgidum* Jeffreys.
 100. *Addisonia paradoxa* Dall, from below, showing animal in shell.
 100 a. The same, profile of shell.
 101. *Cocculina leptalea* Verrill.
 102. *Placophora atlantica* Verrill & Smith, viewed from above.
 102 a. The same, viewed from below.
 103. *Amicula vestita* Sowerby var. *Emersonii* Couthouy, viewed from below.
 This is a purely northern species.
 103 a. The same, posterior part of body from below, showing the fenestræ and also the way in which the tail is temporarily channeled to allow of the expulsion of faecal pellets.
 104. *Turbonilla Rathbuni* Verrill & Smith.

For remarks in regard to these figures see note under Plate LX.

PLATE LXIV.

- FIG. 106. *Scaphander nobilis* Verrill.
 123. *Dentalium occidentale* Stimpson; †.
 124. The same, a more curved variety.
 125. The same, a more finely grooved variety.
 125 a. The same, transverse section of Fig. 125.
 126. *Cadulus Pandionis* Verrill & Smith.
 136. *Diplodonta turgida* Verrill & Smith; interior of left valve.
 136 a. *Crenella decussata* Montagu.
 140. *Leda acuta* Conrad; interior of left valve.
 140 a. *Petricola pholadiformis* Lamarck; showing extended siphons.
 141. *Pecten* (*Pseudamysium* ?) *vitreus* Gmelin.
 142. *Pseudamysium imbrifer* Lovén; a, right and b, left valve.
 142 a. *Turtonia minuta* Fabricius, with extended foot, greatly magnified; drawn by Prof. A. E. Verrill.
 142 b. *Argonauta argo* Linné; typical Mediterranean form swimming for comparison with the variety *Americana*.

Figure 136 a first appeared in the proceedings of the U. S. National Museum, illustrating Miss Bush's paper on the shells of Labrador. Figure 142 b is from the British Museum series, and was lent by the Smithsonian Institution. The others were received from the U. S. Fish Commission. See note under Plate LX. Figure 140 a is one of those drawn by Morse for Binney's Gould. Fig. 142 a is now first published.

PLATE LXV.

- FIG. 127. *Teredo megotara* Hanley; removed from its burrow, showing shell, pallets and soft parts, about half natural size.
 128. *Poromya sublevis* Verrill; interior of right valve.
 128 a. *Siliqua costata* Say; interior, showing hinge, pallial line, and muscular impressions.
 129. *Cuspidaria striata* Jeffreys.
 130. *Cetoconcha bulla* Dall.
 131. *Verticordia* (*Trigonulina*) *ornata* Orbigny, right valve; a, interior, b, exterior view.
 132. *Verticordia flexuosa* Verrill & Smith, exterior of left valve.
 133. *Lyonsia* ? *arata* Verrill & Smith, showing hinge in right valve of two specimens, a and b.
 134. The same, exterior of right valve.
 135. *Diplodonta turgida* Verrill & Smith, interior of right valve.

Figure 128 a is now first published. For the others see note under Plate LX.

PLATE LXVI.

- FIG. 11. *Atlanta Peronii* Lesueur, side view of shell.
 110 a. The same, front view.
 111. *Atlanta Gaudichaudi* Eydoux & Souleyet, from a camera lucida sketch by Mr. W. E. Safford.
 112. *Crescis conica* Eschscholtz, showing animal in situ.
 113. *Carolinia tridentata* Forskål, with animal extended.
 115. *Carolinia* (*Diacria*) *trispinosa* Gray, with animal extended.
 116. *Carolinia uncinata* Rang, with animal extended.
 117. *Cuvierina columnella* Rang, showing extended animal, and remnant of the larval cone at the base.
 118. *Crescis recta* Blainville, side view of shell, greatly enlarged.

PLATE LXVI--Continued.

- FIG. 119. *Creseis (Hyalocylix) striata* Rang, showing animal extended, enlarged.
120. *Corolla calceola* Verrill, with extended animal in situ, two thirds natural size. This species and *C. spectabilis* Dall, of the Pacific, belong to the same group. The former was referred to *Gleba*, Forskål, by Dr. Pelseneer in his description of the Challenger Pteropods, probably on account of the poor state of his material. But *C. spectabilis* has precisely such a "shell" as *C. calceola*, which does not resemble the "shell" of *Gleba*, and has been taken with its "shell" in the Santa Barbara Channel, California. The genus *Cymbuliopsis* Pelseneer, being of later date than *Corolla*, will therefore fall into the synonymy of the latter name.
121. *Spongiobranchia australis* Orbigny. This figure represents the adult form of a tropical Pteropod not yet found on our coast, though certain larvæ, perhaps of *Notobranchæa*, have been referred to it.
122. *Clione limacina* Phipps.
- Figures 112 and 113 are from Binney's Gould. The remarks applying to the others will be found under Plate LX.

PLATE LXVII.

- FIG. 63. *Argonauta argo* Linné, var. *americana* Dall. Animal removed from the shell and somewhat contracted by immersion in alcohol.
- 63 a. The same, front view of shell.
- 63 b. The same, side view of shell.

The average *Argonauta argo* of the Mediterranean has from two to three times as many radial folds and carinal nodules as the variety here figured. It is also more compressed and narrow, and the marginal rib on each side of the aperture is less prominent and usually is merged in the margin imperceptibly and does not stand out laterally at all. There are, doubtless, variations in these characters, but on the whole the Antillean and American form seems sufficiently constant for the latter to receive a varietal name.

For remarks on the figures, see note under Plate LX.

PLATE LXVIII.

- FIG. 1. *Teredo dilatata* Stimpson, interior and exterior views of valves; pallets.
2. *Teredo norvegica* Spengler, enlarged; interior view of valve; the two valves united; pallets.
3. *Lyrodus chlorotica* Gould; interior and exterior view of valves, and the two pallets.
4. *Spirula Peronii* Lamarck; shell.
5. *Kellia suborbicularis* Montagu; natural size; hinge line and umbo magnified.
6. *Montacuta elevata* Stimpson.
7. *Turtonia minuta* O. Fabricius.
8. *Nucula tenuis* Montagu; somewhat enlarged.
9. *Pholas (Barnea) costata* Linné.
10. *Zirphæa crispata* Leach.

The figures of which this and the remaining plates (LXIX-LXXIV) are composed are from Mr. W. G. Binney's edition of Gould's Invertebrata of Massachusetts, drawn by Prof. E. S. Morse, and borrowed for the purposes of this publication from the Smithsonian Institution.

PLATE LXIX.

- FIG. 1. *Astyris rosacea* Gould.
 2. *Mya arenaria* Linné.
 3. *Litorina rudis*, var. *tenebrosa*, Montagu.
 4, 5. *Terebratulina septentrionalis* Couthouy ; hæmal view and side view.
 6. *Litorina irrorata* Say.
 7. *Petricola pholadiformis* Lamarek.
 8. *Mactra lateralis* Say.
 9. *Thracia Conradi* Couthouy.

PLATE LXX.

- FIG. 1. *Mactra ovalis* Gould.
 2. *Pecten magellanicus* Gmelin.

PLATE LXXI.

- FIG. 1. *Venus mercenaria*, var. *notata*, Say.
 2. *Mytilus edulis* Linné ; typical form.
 3. *Venus mercenaria* Linné ; typical.

PLATE LXXII.

- FIG. 1. *Chione limacina* Phipps ; enlarged to twice natural size.
 2. *Philine sinuata* Stimpson.
 3. *Philine quadrata* Searles Wood ; Europe, Arctic seas, southward to Cape Cod.
 4. *Scaphander puncto-striatus* Mighels and Adams ; enlarged about one-third.
 5. *Lamellaria pellucida* Verrill.
 6. *Utriculus pertenuis* Mighels.
 7. *Utriculus Gouldii* Couthouy.
 8. *Philine lineolata* Couthouy ; enlarged three times. Arctic seas, southward to Cape Cod.
 9. *Adeorbis costulata* Möller.
 10. *Scala grænlandica* Perry.
 11. *Sipho Stimpsoni* Mörch.
 12. *Buccinum undatum* Linné.

PLATE LXXIII.

- FIG. 1. *Fulgur canaliculatus* Linné.

PLATE LXXIV.

- FIG. 1. *Fulgur carica* Gmelin.

PLATE LXXV.

- FIG. 1. *Cylichna verrillii* Dall; altitude 7.5 mm.; p. 86, No. 40.
 2. *Retusa mayoi* Dall; altitude 8.3 mm.; see Proc. U. S. N. Mus., xxiv, p. 502.
 3. *Daphnella eugrammata* Dall; altitude 9.0 mm.; see Proc. U. S. N. Mus., xxiv, p. 503.
 4. *Admete microscopica* Dall; altitude 4.3 mm.; p. 106, No. 275.
 5. *Muricidea philippiana* Dall; altitude 17.4 mm.; p. 120, No. 491.
 6. *Terebra rushii* Dall; altitude 15.0 mm.; p. 94, No. 103.
 7. *Conus stimpsoni* Dall; altitude 37.0 mm.; see Proc. U. S. N. Mus., xxiv, p. 503.
 8. *Terebra texana* Dall; altitude 137.0 mm.; see Proc. U. S. N. Mus., xxiv, p. 502.
 9. *Terebra floridana* Dall; altitude 70.0 mm.; p. 94, No. 94.
 10. *Scala sci io* Dall; altitude 16.0 mm.; p. 124, No. 531.
 11. *Aurinia dubia* Broderip; altitude 69.0 mm.; p. 110, No. 337.

This plate was first issued in Proceedings U. S. National Museum, vol. xxiv. The drawings are by J. C. McConnell.

PLATE LXXVI.

- FIG. 1. *Muricidea (Pseudoneptunea) multangula* Philippi; altitude 31.0 mm.; p. 120, No. 489.
 2. *Muricidea ostrearum* Conrad; altitude 28.0 mm.; p. 120, No. 490.
 3. *Scala (Amava) mitchelli* Dall; altitude 36.0 mm.; see Proc. U. S. N. Mus., xxiv, p. 506.
 4. The same, basal view; diameter 14.0 mm.
 5. *Umbaculum (Hyalopatina) rushii* Dall; length 9.3 mm.; p. 90, No. 64.
 6. *Latirus cayohuesonicus* Sowerby and Melvill; altitude 16.0 mm.; p. 112, No. 376.
 7. *Scala (Cirsotrema) cochlea* Sowerby; altitude 20.0 mm.; p. 124, No. 547.
 8. *Scala nitidella* Dall; altitude 13.5 mm.; p. 124, No. 520.
 9. *Scala (Acrilla) retifera* Dall; altitude 12.5 mm.; p. 124, No. 546.

This plate first appeared in Proceedings U. S. National Museum, vol. xxiv. The drawings are by J. C. McConnell.

PLATE LXXVII.

- FIG. 1. *Solemya grandis* Verrill and Bush, p. 885. Exterior of left valve of type specimen No. 51345; $\times 1\frac{1}{2}$. Off Delaware.
 2. The same. Interior of right valve of an imperfect specimen No. 40103; $\times 1\frac{1}{2}$. Epidermal fringe restored from other specimen.
 3. *Thyasira (Axinulus, pygmaea)* Verrill and Bush, p. 792. Exterior of left valve of specimen No. 78368 from station 2697; $\times 22$. Off Marthas Vineyard.
 4. The same. Interior of right valve of a smaller specimen from the same station; $\times 22$.
 5. *Nucula cancellata* Jeffreys, p. 854. Exterior of left valve of specimen No. 45795; $\times 12$. Off Marthas Vineyard.
 6. *Pecten (Chlamys) islandicus* Müller, p. 835. Exterior of right valve of very young specimen No. 52471; $\times 9$. Grand Banks. This was the type of *Chlamys costellata* Verrill and Bush.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references are to the paper by Verrill and Bush, pages 775-901 of the cited volume. The figures were drawn by A. H. Verrill.

PLATE LXXVIII.

- FIG. 1. *Periploma undulata* Verrill, p. 823. Hinge of left valve of type specimen No. 44840; $\times 7\frac{1}{2}$. Off North Carolina.
2. *Yoldia* (*Yoldiella*) *minuscula* Verrill and Bush, p. 870. Exterior of right valve of specimen No. 38415; $\times 12$. Off Delaware.
3. *Yoldia* (*Yoldiella*) *inconspicua* Verrill and Bush, p. 869. Exterior of right valve of a specimen from station 947; $\times 9$. Off Chesapeake Bay.
4. *Yoldia* (*Yoldiella*) *frigida* Torell, p. 872. Interior of left valve of a specimen from station 943; $\times 16$. Off Marthas Vineyard.
5. *Yoldia* (*Yoldiella*) *inconspicua* Verrill and Bush, p. 869. Interior of left valve of a specimen from station 947; $\times 15$. Off Delaware.
6. *Yoldia* (*Yoldiella*) *subangulata* Verrill and Bush, p. 865. Exterior of right valve of type specimen from station 46 *Bache*; $\times 7\frac{1}{2}$. Gulf of Maine.
7. *Yoldia* (*Yoldiella*) *minuscula* Verrill and Bush, p. 870. Interior of left valve of specimen No. 38415; $\times 22$. Off Delaware.
8. *Leda bushiana* Verrill and Smith, p. 854. Exterior of right valve of type specimen No. 35729; \times about 3. Off Hatteras.
9. *Cuspidaria formosa* Verrill and Bush, p. 803. Interior of left valve of type specimen No. 78313; $\times 3$. East of Nantucket.
10. *Martesia fragilis* Verrill and Bush, p. 777. Exterior of right valve of a specimen from near station 2566; $\times 6$. Off Delaware in floating driftwood.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references given above are to the paper by Verrill and Bush, pages 775-901, of the cited volume, in which the species are discussed. The figures were drawn by A. H. Verrill.

PLATE LXXIX.

- FIG. 1. *Yoldia* (*Yoldiella*) *iris* Verrill and Bush, variety *stricta* Verrill and Bush, p. 864. Exterior of right valve of type specimen No. 74325; \times about 13. Off Halifax.
2. *Yoldia* (*Yoldiella*) *iris* Verrill and Bush, p. 863. Interior of a left valve from station 895; $\times 11$.
3. *Yoldia* (*Yoldiella*) *lucida* Lovén, p. 861. Exterior of left valve of specimen No. 73173; \times about $6\frac{1}{2}$. Gulf of Maine.
4. *Yoldia* (*Adranella*) *casta* Verrill and Bush, p. 858. Interior of a left valve from station 2150; $\times 11$. Caribbean Sea.
5. *Yoldia* (*Yoldiella*) *fraterna* Verrill and Bush, p. 867. Exterior of left valve of type specimen from station 947; \times about 13. Gulf of Maine.
6. *Tindaria callistiformis* Verrill and Bush, p. 881. Hinge of right valve of type specimen No. 52536; $\times 8$. Off Bermuda.
7. The same. Turned up to show shape of teeth.
8. *Yoldia* (*Yoldiella*) *inflata* Verrill and Bush, p. 864. Exterior of left valve of type specimen No. 38417; \times about $5\frac{1}{2}$. Off George's Bank.
9. *Yoldia* (*Yoldiella*) *lenticula* (Möller) variety *amblya* Verrill and Bush, p. 866. Exterior of left valve of a specimen from station 186; $\times 10$. North of Cape Cod.
10. *Neilonella subovata* Verrill and Bush, p. 878. Exterior of left valve of specimen No. 34826; $\times 11$. Gulf of Maine.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references given above are to the paper by Verrill and Bush, pages 775-901, of the cited volume, in which the species are discussed. The figures were drawn by A. H. Verrill.

PLATE LXXX.

- FIG. 1. *Tindaria callistiformis* Verrill and Bush, p. 881. Exterior of right valve of type specimen No. 52536; $\times 6$. Off Bermuda.
2. *Scapharca (Bathyrca) profundicola* Verrill, p. 844. Interior of right valve of specimen No. 52174; $\times 6$. Off Chesapeake Bay.
3. *Cuspidaria undata* Verrill, p. 798. Exterior of right valve of specimen No. 52547; $\times 2$. Off Chesapeake Bay.
4. The same. Dorsal view of the same specimen.
5. *Microyoldia regularis* Verrill, p. 860. Exterior of left valve of type specimen No. 38420; $\times 20$. Off Marthas Vineyard.
6. The same. Interior of right valve of the same specimen.
7. *Limopsis minuta* Philippi, p. 846. Interior of right valve of specimen No. 76320; $\times 4$. Off Chesapeake Bay.
8. *Yoldia (Yoldiella) dissimilis* Verrill and Bush, p. 872. Exterior of left valve of type specimen No. 38416; $\times 15$. Off North Carolina.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references given above refer to the paper by Verrill and Bush, pages 775-901 of the cited volume, in which the species are discussed. The figures were drawn by A. H. Verrill.

PLATE LXXXI.

- FIG. 1. *Crenella fragilis* Verrill, p. 847. Interior of right valve of type specimen No. 41543; \times about 3. Off Chesapeake Bay.
2. The same. Hinge of a larger fragment, No. 40676.
3. *Yoldia (Yoldiella) Jeffreysi* Hidalgo, p. 866. Exterior of a left valve, No. 78958; \times about 13. Off Chesapeake Bay.
4. *Limopsis profundicola* Verrill and Bush, p. 847. Interior of a right valve of a young specimen; \times about 3. No. 38143. Off Delaware.
5. *Nucula suborata* Verrill and Bush, p. 852. Exterior of left valve of type specimen No. 40474; \times about 13. Off Delaware.
6. *Abra longicallis* Scacchi, var. *americana* Verrill and Bush, p. 778. Interior of right valve of specimen 52170; \times about 3. Off Chesapeake Bay.
7. The same. View of hinge of same specimen; \times about 8.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references given above are to the paper by Verrill and Bush, pages 775-901, of the cited volume, in which the species are discussed. The drawings are by A. H. Verrill.

PLATE LXXXII.

- FIG. 1. *Lyonsia granulifera* Verrill and Bush, p. 818. Exterior of a left valve (type specimen) No. 52561; \times about $2\frac{1}{2}$. Misaine Bank.
2. *Verticordia granulifera* Verrill, p. 816. Hinge of a left valve (type specimen) No. 44838; $\times 8$. Off Delaware.
3. The same. Hinge of both valves of a fully grown specimen No. 78679; $\times 4$. Turned up to show ossicle, *a*.
4. The same. Hinge of a right valve of another specimen No. 78929; $\times 6\frac{1}{2}$.
5. *Clidiophora inornata* Verrill and Bush, p. 819. Hinge of both valves of specimen No. 49760 from station 327; \times about $2\frac{1}{2}$. Cape Cod.
6. The same. Exterior of a left valve of a specimen from the same station; \times about $2\frac{1}{2}$.
7. *Lyonsiella cordata* Verrill and Bush, p. 818. Hinge of left valve of type specimen No. 52540; $\times 8$. *a*, Ossicle; *b*, ligament. Off Delaware.
8. The same. Exterior of right valve of the same specimen; \times about 4.
9. *Limopsis sulcata* Verrill and Bush, p. 845. Hinge of a right valve from station 2199; \times about $10\frac{1}{2}$. Off Delaware.
10. *Nucula verrillii* Dall, p. 853. Hinge of left valve of specimen No. 45752; \times about 26. Off Marthas Vineyard.

This plate was first published in Proceedings U. S. National Museum, vol. xx, and the page references are to the paper by Verrill and Bush, pages 775-901 of the cited volume. The drawings are by A. H. Verrill.

PLATE LXXXIII.

- FIG. 1. *Erycina (Pseudopythina) compressa* Dall; 18.0 mm. No. 107855, U.S.N.M. Bering Sea.
2. *Bornia retifera* Dall; 12.0 mm. No. 107856, U.S.N.M. The microscopic reticulation is too fine to be represented on the scale of the figure.
 3. *Rocheportia barbadensis* Dall; 4.0 mm. No. 95703, U.S.N.M. Barbados.
 4. *Gebia pugetensis* Dana, with *Erycina (Pseudopythina) rugifera* Carpenter, attached by its byssus to the abdomen of the crab behind the limbs. Natural size. Drawn from nature by Dr. J. C. McConnell. No. 15789, U.S.N.M. Puget Sound.
 5. *Montacuta limpida* Dall; adult type; 3.0 mm. No. 97155, U.S.N.M. Florida.
 6. *Rocheportia aleutica* Dall; 4.3 mm. No. 108233, U.S.N.M. Kiska Harbor, Aleutian Islands.
 7. *Rocheportia tumida* Carpenter; type specimen; 3.8 mm. No. 5242, U.S.N.M. California.
 8. Hinge of *Erycina (Pseudopythina) compressa* Dall; right valve, considerably enlarged; *c*, cardinal tooth; *p*, prodissoconch; *rl*, resilium covered by the large calcareous lithodesma; *l*, raised edge of the valve carrying the linear external ligament.
 9. *Sportella stearnsii* Dall; enlarged view of hinge, right valve, *c*, *c'*, cardinals; *l*, nymph for the ligament; *p*, prodissoconch; *r*, excavation and ridge which carry the resilium.
 10. *Montacuta floridana* Dall; interior of right valve; 16.0 mm. No. 64456, U.S.N.M. West Florida.
 11. *Montacuta limpida* Dall; young shell; 1.6 mm. No. 107867, U.S.N.M. Florida.
 12. *Sportella stearnsii* Dall; 13.5 mm. No. 73071, U.S.N.M. Gulf of California.
- This plate first appeared in Proceedings U. S. National Museum, vol. xxi, with the Synopsis of the Leptonacea, pages 873-897, in which the species are described. Figures 1, 2, and 4 were drawn from nature by J. C. McConnell, the others are from camera lucida sketches by W. H. Dall.

PLATE LXXXIV.

- FIG. 1. *Erycina emmonsi* Dall; 7.0 mm. No. 92638, U.S.N.M. North Carolina.
2. *Anisodonta (Fulcerella) corbuloidea* Dall; 6.5 mm. No. 92303, U.S.N.M. North Carolina.
 3. *Erycina periscopiana* Dall; left valve; 5.0 mm. No. 92227, U.S.N.M. North Carolina.
 4. *Rocheportia pedroana* Dall; 9.0 mm. No. 127565, U.S.N.M. California. The subumbonal projection between the laminae is the resilium.
 5. *Sportella californica* Dall; 6.0 mm. No. 108231, U.S.N.M. The drawing represents the right valve, and the posterior projection of the hinge plate carries the resilium.
 6. *Erycina fernandina* Dall; 3.75 mm. No. 108230, U.S.N.M. Deep water off Florida. The dark spot to the right of the cardinal tooth is the resilium.
 7. *Erycina linella* Dall; 4.6 mm. No. 107863, U.S.N.M. North Carolina.
 8. *Montacuta minuscula* Dall; 2.7 mm. No. 92628, U.S.N.M. North Carolina.
 9. *Sportella pilsbryi* Dall; 8.0 mm. No. 107864, U.S.N.M. Left valve. North Carolina.
 10. *Bornia (Ceratobornia) longipes* Stimpson; about one and a half times natural size. From an unpublished drawing by Stimpson, representing the animal crawling, the right side facing the observer. South Carolina. Shell is No. 107812, U.S.N.M.; p. 48. No. 201.
 11. The same, representing the animal suspended by its byssal thread, the heel of the foot elongated. Drawn by Stimpson.

PLATE LXXXIV—Continued.

- FIG. 12. *Rochefortia planata* Dall; 5.3 mm. No. 108234, U.S.N.M. Alutian Islands. The dark spot between the laminae is the resilium.
13. *Bornia (Ceratobornia) longipes* Stimpson; the posterior extremity, or heel, of the foot emitting the byssal thread. Much enlarged. From a drawing by Stimpson.
14. *Rochefortia mölleri* Mörch; 6.4 mm. No. 108232, U.S.N.M. From a specimen in the Jeffreys collection, named *Montacuta elevata* by Mörch, and collected by Torell in Greenland.

This plate was first published in Proceedings U. S. National Museum, vol. xxi. The drawings, except those mentioned as by Stimpson, are from camera lucida sketches by W. H. Dall. The species are described in the Synopsis of the Leptonacea, pages 873-897 of the volume above cited.

PLATE LXXXV.

- FIG. 1. *Rochefortia (tunidula* var. ?) *Verrilli* Dall, Proc. U.S.N.M., xxi, p. 890. Interior of a left valve No. 35412 from station No. 2103; $\times 20$. *a*, Resilium and ossicle. Off Delaware Bay.
2. The same. Interior of a right valve from the same station; $\times 20$.
3. *Kellia suborbicularis* (Montagu) var. *Gouldii* Thomson. Interior of left valve of a specimen from off Salem, Massachusetts, 1877; $\times 10$.
4. The same. Interior of right valve of the same specimen.
5. *Rochefortia casta* Verrill and Bush. Exterior of a left valve from station 2283; $\times 20$. North Carolina.
6. *Rochefortia planulata* Stimpson. Interior of a right valve; \times about 13. Off Hatteras.
7. *Aligena elevata* Stimpson. Interior of a right valve No. 74333 from Naushon; \times about 13. *a*, Resilium and ossicle.
8. The same. Exterior of a left valve from the same station; \times about 13.

This plate first appeared in Proceedings U. S. National Museum, vol. xx. The figures were drawn by A. H. Verrill.

PLATE LXXXVI.

- FIG. 1. *Thyasira equalis*, variety *alta* Verrill and Bush, p. 787. Exterior of a left valve from Eastport, Maine, 1870; \times about 8.
2. The same. Interior of a right valve from the same locality; \times about 8.
3. *Thyasira plana* Verrill and Bush, p. 788. Interior of left valve of type specimen from station 254; $\times 14$. Gulf of Maine.
4. The same. Exterior of right valve of the same specimen.
5. *Nucula proxima* Say (?) variety *ovata* Verrill and Bush, p. 852. Exterior of left valve of specimen No. 73467; \times about 12. Vineyard Sound.
6. *Macoma inflata* Dawson, p. 778. Exterior of left valve of specimen No. 52427; $\times 3$. Gulf of St. Lawrence.
7. *Kennerleyia brevis* Verrill and Bush, p. 821. *a*, Exterior of left valve of specimen No. 40232; *b*, interior of right valve of another specimen No. 45884; $\times 4$. Off Chesapeake Bay.
8. *Nucula granulosa* Verrill, p. 853. Exterior of left valve of type specimen No. 38451; \times about 26. Off New Jersey.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references are to the paper by Verrill and Bush, pages 775-901, of the cited volume. The figures were drawn by A. H. Verrill.

PLATE LXXXVII.

- FIG. 1. *Thyasira inequalis* Verrill and Bush, p. 791. Exterior of right valve of type specimen; \times about 10. Off Halifax, Nova Scotia.
2. The same. Interior of left valve.
3. *Thyasira croulinensis* (Jeffreys) Verrill and Bush, p. 786. Interior of left valve. \times about 13. North of Cape Cod.
4. The same. Exterior of right valve.
5. *Thyasira* (*Axinulus*?) *elliptica* Verrill and Bush, p. 796. Exterior of right valve of type specimen, No. 35175; \times about 13. Off Marthas Vineyard.
6. The same. Interior of left valve.
7. *Montacuta percompressa* Dall, Proc. U.S.N.M., xxi, p. 879. Interior of left valve, No. 49588, \times 20. *a*=resilium. Vineyard Sound. This is *Montacuta ferruginosa* Verrill and Bush, not Montagu.
8. The same. Interior of right valve.

This plate was first issued with Proceedings U. S. National Museum, vol. xx, and the page references are to the paper by Verrill and Bush, pages 775-901 of the cited volume. The figures were drawn by A. H. Verrill.

PLATE LXXXVIII.

- FIG. 1. *Arca adamsi* Smith, var. *conradi* Dall; 7.0 mm.; p. 42, No. 113.
2. *Arca* (*Cucullaria*) *sagrinata* Dall; 6.0 mm.; p. 42, No. 119.
3. *Pandora* (*Kennerleyia*) *bushiana* Dall; 10.0 mm.; p. 68, No. 443.
4. *Pandora* (*Clidiophora*) *trilineata* Say; 19.0 mm.; p. 68; No. 439.
5. *Meretrix* (*Transennella*) *stimpsoni* Dall; 13.5 mm.; see Proc. U.S.N.M., xxvi, p. 379.
6. *Maetra richmondi* Dall; 20.75 mm.; see Proc. U.S.N.M., xxiv, p. 510.
7. *Meretrix* (*Transennella*) *stimpsoni* Dall, part of a left valve greatly magnified to show the oblique grooving of the margin; see Proc. U.S.N.M., xxiv, p. 509.
8. *Chama lactuca* Dall, attached valve from above; 22.0 mm.; p. 52, No. 250.
9. *Asthenotharus hemphilli* Dall; 6.25 mm.; p. 64, No. 385.
10. *Chama lactuca* Dall, free valve, from above; 14.0 mm.; p. 52, No. 250.
11. *Crenella pectinula* Gould, from cotype; 16.0 mm.; see Proc. U.S.N.M., xxiv, p. 507.
12. *Crenella faba* Müller; 18.0 mm.; see Proc. U.S.N.M., xxiv, p. 508.

This plate first appeared in Proceedings U. S. National Museum, vol. xxiv. The drawings are by J. C. McConnell.

PLATE LXXXIX.

- FIG. 1. *Dosinia* (*Dosinidia*) *discus* Say. Cat. No. 54094, U.S.N.M.; South Carolina; length, 70.0 mm.; p. 56, No. 299.
2. *Tivela nasuta* Dall. Cat. No. 153377, U.S.N.M.; length, 33.0 mm.; Santa Marta, Colombia; see Proc. U.S.N.M., xxvi, p. 380.
3. *Tivela braziliana* Dall. Cat. No. 125468, U.S.N.M.; length, 40 mm.; Brazil; see Proc. U.S.N.M., xxvi, p. 381.
4. *Callocardia* (*Agriopoma*) *zonata* Dall. Cat. No. 92015, U.S.N.M.; length, 22.0 mm.; North Carolina; p. 56, No. 288.
5. *Cytherea* (*Ventricola*) *strigillina* Dall. Cat. No. 95608, U.S.N.M.; length, 38.0 mm.; Key West, Florida; see Proc. U.S.N.M., xxvi, p. 381.
6. *Dosinia* (*Dosinidia*) *elegans* Conrad. Cat. No. 6120, U.S.N.M.; length, 68.0 mm.; Texas; p. 56, No. 300.

This plate first appeared in Proceedings U. S. National Museum, vol. xxvi. The drawings are by J. C. McConnell.

PLATE XC.

- FIG. 1. *Dosinia (Dosinidia) discus* Say, interior view. Cat. No. 54094, U.S.N.M.; length, 70 mm.; South Carolina; p. 56, No. 399.
2. *Chione mazzyckii* Dall. Cat. No. 92022, U.S.N.M.; length, 15.0 mm.; North Carolina; see Proc. U.S.N.M., xxvi, p. 382.
3. *Tire'a abaconis* Dall. Cat. No. 103551, U.S.N.M.; length, 11.0 mm.; Abaco Island, Bahamas; see Proc. U.S.N.M., xxvi, p. 380.
4. *Transennella cubaniana* Orbigny. Cat. No. 54135, U.S.N.M.; length, 10.6 mm.; St. Croix, West Indies; p. 379.
5. *Cytherea (Ventricola) callimorpha* Dall. Cat. No. 64292, U.S.N.M.; length, 15.5 mm.; Barbados; p. 54, No. 274; see Proc. U.S.N.M., xxvi, p. 382.
6. *Transennella couradina* Dall, interior view, showing characteristic sulcations of the margins. Cat. No. 64437, U.S.N.M.; length, 11.0 mm.; West Florida; p. 56, No. 295.
7. *Dosinia (Dosinidia) elegans* Conrad, interior view. Cat. No. 6120, U.S.N.M.; length, 68.0 mm.; Texas; p. 56, No. 300.

This plate was first issued in Proceedings U. S. National Museum, vol. xxvi. The drawings are by J. C. McConnell.

PLATE XCI.

- FIG. 1. *Limopsis sulcata* Verrill and Bush, Proc. U. S. N. Mus., xx, p. 845. Exterior of a right valve from station 2199; $\times 16$. Off Nantucket shoals.
2. *Rupellaria* (?) *cancellata* Verrill, Proc. U. S. N. Mus., xx, p. 778. Hinge of a left valve (type specimen), No. 44839; $\times 16$. Off Chesapeake Bay.
3. The same. Exterior of the same valve; $\times 6$.

This plate first appeared in Proceedings U. S. National Museum, vol. xx. The figures were drawn by A. H. Verrill.

PLATE XCII.

- FIG. 1. *Macoma limula* Dall, North Carolina; lon. 13 mm.; see p. 60, No. 351.
2. *Tellina iheringi* Dall, La Plata; lon. 27.5 mm.
3. *Tellina georgiana* Dall, Georgia; lon. 32 mm.; see Proc. U. S. N. Mus., xxiii, p. 310.
4. *Macoma mitchelli* Dall, Texas; lon. 15 mm.; see Proc. U. S. N. Mus., xxiii, p. 314.
5. The same; dorsal view.
6. *Tellina (Angulus) flagellum* Dall, West Indies; lon. 9. mm.; see Proc. U. S. N. Mus., xxiii, p. 312.
7. *Macoma (Psammacoma) extenuata* Dall, Gulf of Mexico; lon. 14.5 mm.; see Proc. U. S. N. Mus., xxiii, p. 314.
8. *Tellina (Elliptotellina) americana* Dall, North Carolina; lon. 6.5 mm.; see Proc. U. S. N. Mus., xxiii, p. 311.
9. *Tellina (Angulus) colorata* Dall, West Indies; lon. 13.5 mm.; see Proc. U. S. N. Mus., xxiii, p. 311.
10. *Tellina (Merisca) crystallina* Wood, South Carolina; lon. 23 mm.; see Proc. U. S. N. Mus., xxiii, p. 311.
11. *Tellina (Angulus) promera* Dall, Bermuda; lon. 18.5 mm.; see Proc. U. S. N. Mus., xxiii, p. 312.

This plate first appeared in Proceedings U. S. National Museum, vol. xxiii. The drawings were by J. C. McConnell.

PLATE XCIII.

- FIG. 1. *Meretrix (Agriopoma) texasiana* Dall; 67.0 mm.; p. 56, no. 291.
 2. *Lima albicoma* Dall; 8.0 mm.; p. 36, no. 49.
 3. *Meretrix simpsoni* Dall; 15.2 mm.; p. 56, no. 285.
 4. *Philobrya atlantica* Dall, dorsal view showing nepionic umbones; 4.0 mm.; see Proc. U. S. N. Mus., xxiv, p. 507.
 5. The same, side view; 4.0 mm.
 6. *Astarte globula* Dall; 8.5 mm.; p. 46, no. 189.
 7. *Pandora (Clidiophora) gouldiana* Dall; 27.5 mm.; p. 68, no. 440.
 8. *Mactrella ineringi* Dall; Brazil, 65.0 mm.; see Proc. U. S. N. Mus., xxiv, p. 510.
 9. *Pecten (Plagioctenium) gibbus* var. *amplicostatus* Dall; breadth 51.0 mm.; see Proc. U. S. N. Mus., xxiv, p. 507.

This plate first appeared in Proceedings U. S. National Museum, vol. xxiv. The drawings are by J. C. McConnell.

PLATE XCIV.

- FIG. 1. *Cuspidaria (Cardiomya) ornatissima* d'Orbigny, p. 810. Dorsal view of specimen No. 35362; $\times 10$ diameters. Cape Hatteras.
 2. *Cuspidaria arctica* M. Sars, p. 803. Interior of a left valve from station 70; \times about 3. Broken outline restored by lines of growth. Nova Scotia.
 3. *Cuspidaria (Cardiomya) gemma* Verrill and Bush, p. 809. Dorsal view of specimen No. 41456; $\times 10$. Cape Hatteras.
 4. The same. Interior of left valve of the same specimen; \times about 13.
 5. *Cuspidaria media* Verrill and Bush, p. 800. Dorsal view of specimen No. 49020; $\times 5$. Off Martha's Vineyard.
 6. The same. Interior of left valve of type specimen No. 49018; $\times 5$.
 7. *Cuspidaria fraterna* Verrill and Bush, p. 803. Dorsal view of specimen No. 48962; $\times 5$. Off Delaware Bay.
 8. The same. Interior of left valve of type specimen from station 892; $\times 5$.
 9. *Cuspidaria glacialis* G. O. Sars, p. 800. Dorsal view of specimen No. 49023; $\times 5$. Eastern coast of the United States.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references above given refer to the paper by Verrill and Bush, in which the species are discussed, pages 775-901 of the cited volume. The drawings were by Mr. A. H. Verrill.

PLATE XCV.

- FIG. 1. *Cuspidaria (Cardiomya) abyssicola* Verrill and Bush, p. 806. Exterior of right valve of a young specimen No. 78935; $\times 9$. Off Chesapeake Bay.
 2. *Myonera ruginosa* Jeffreys, p. 811. Exterior of right valve of specimen No. 52544; \times about 8. Off Nantucket.
 3. *Cuspidaria (Cardiomya) perrostrata* Dall, p. 809. Interior of right valve of specimen No. 78933; $\times 9$. South of Nantucket.
 4. *Cuspidaria sub torta* Sars, p. 806. Hinge of left valve of specimen No. 52545; $\times 9$. Turned up to show posterior tooth.
 5. The same. Interior of the same valve; $\times 4\frac{1}{2}$. Off Nova Scotia.
 6. *Cuspidaria formosa* Verrill and Bush, p. 803. Hinge of both valves of type specimen No. 78313; $\times 4\frac{1}{2}$. The right valve is badly broken. East of Nantucket.
 7. *Cuspidaria arctica* M. Sars, p. 803. Hinge of a left valve from station 70; $\times 4\frac{1}{2}$. South of Halifax, N. S.
 8. *Myonera limatula* Dall, p. 812. Dorsal view of specimen No. 38171; $\times 9$. Southeast of Nantucket.

PLATE XCV—Continued.

- FIG. 8. *Cuspidaria parva* Verrill and Bush, p. 801. Hinge of both valves of type specimen from station 2203; $\times 30$. Off Chesapeake Bay.
10. *Cuspidaria lamellosa* M. Sars, p. 799. Hinge of both valves of specimen No. 51292; $\times 30$. Resilium and ossicle are attached in the right valve. Off Hatteras.
11. *Cuspidaria* (*Cardiomya gemma*) Verrill and Bush, p. 809. Hinge of both valves of type specimen No. 41456; $\times 22$. Resilium and ossicle attached in the left valve. Off Cape Hatteras.

This plate first appeared in Proceedings U. S. National Museum, vol. xx, and the page references given above refer to the paper by Verrill and Bush in which the species are discussed, pages 775-901 of the cited volume. The figures were drawn by J. H. Blake.

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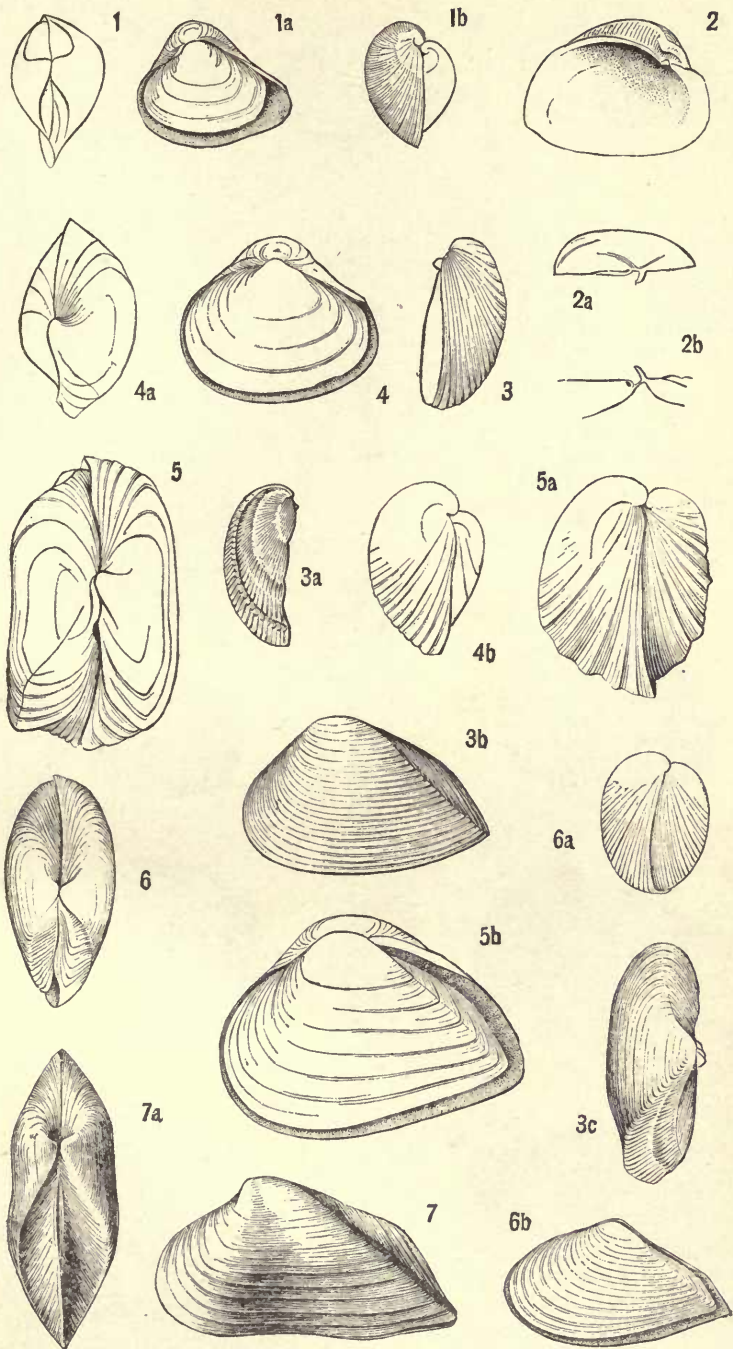
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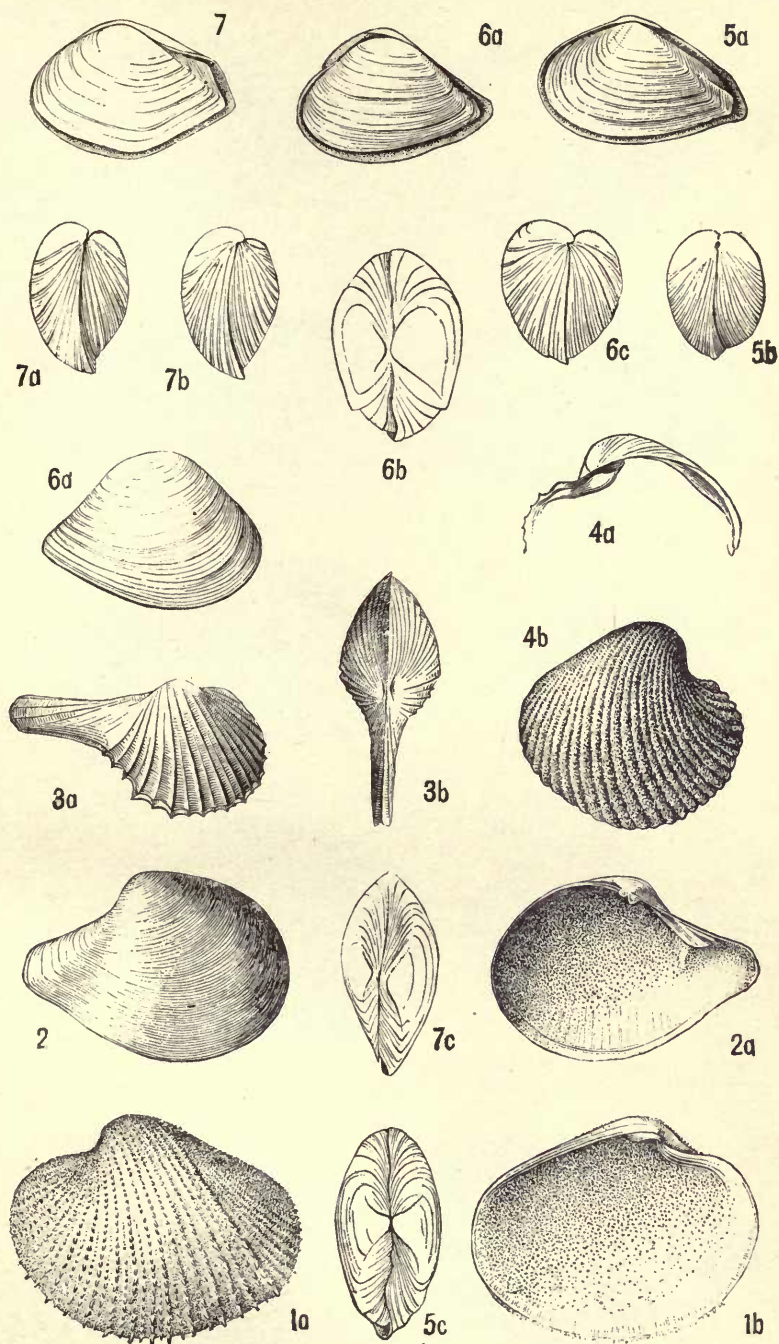
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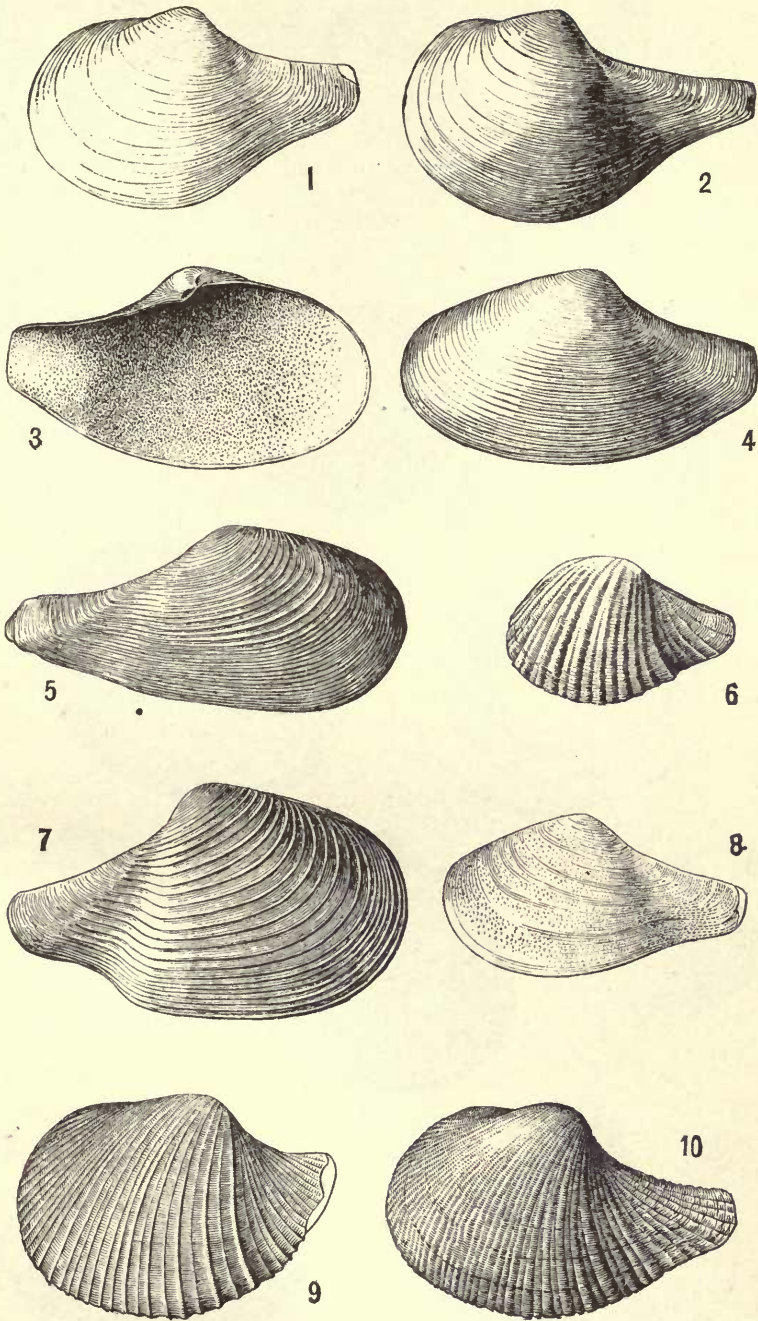
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<i>Chlamys islandicus</i>	77	<i>Lyonsia granulifera</i>	82
<i>Clidiophora gouldiana</i>	93	<i>Lyonsiella cordata</i>	82
<i>Clidiophora inornata</i>	82	<i>Macoma extenuata</i>	92
<i>Clidiophora trilineata</i>	88	<i>Macoma inflata</i>	86
<i>Cirsotrema cochlea</i>	76	<i>Macoma linula</i>	92
<i>Conus stimpsoni</i>	75	<i>Macoma mitchelli</i>	92
<i>Crenella faba</i>	88	<i>Mactra richmondi</i>	88
<i>Crenella fragilis</i>	81	<i>Mactrella iberingi</i>	93
<i>Crenella pectinula</i>	88	<i>Martesia fragilis</i>	78
<i>Cucullaria sagrinata</i>	88	<i>Meretrix simpsoni</i>	93
<i>Cuspidaria abyssicola</i>	95	<i>Meretrix stimpsoni</i>	88
<i>Cuspidaria arctica</i>	94, 95	<i>Meretrix texasiana</i>	93
<i>Cuspidaria formosa</i>	78, 95	<i>Merisca crystallina</i>	92
<i>Cuspidaria fraterna</i>	94	<i>Microyoldia regularis</i>	80
<i>Cuspidaria gemma</i>	94, 95	<i>Montacuta elevata</i>	84
<i>Cuspidaria glacialis</i>	94	<i>Montacuta ferruginosa</i>	87
<i>Cuspidaria lamellosa</i>	95	<i>Montacuta floridana</i>	83
<i>Cuspidaria media</i>	94	<i>Montacuta limpida</i>	83

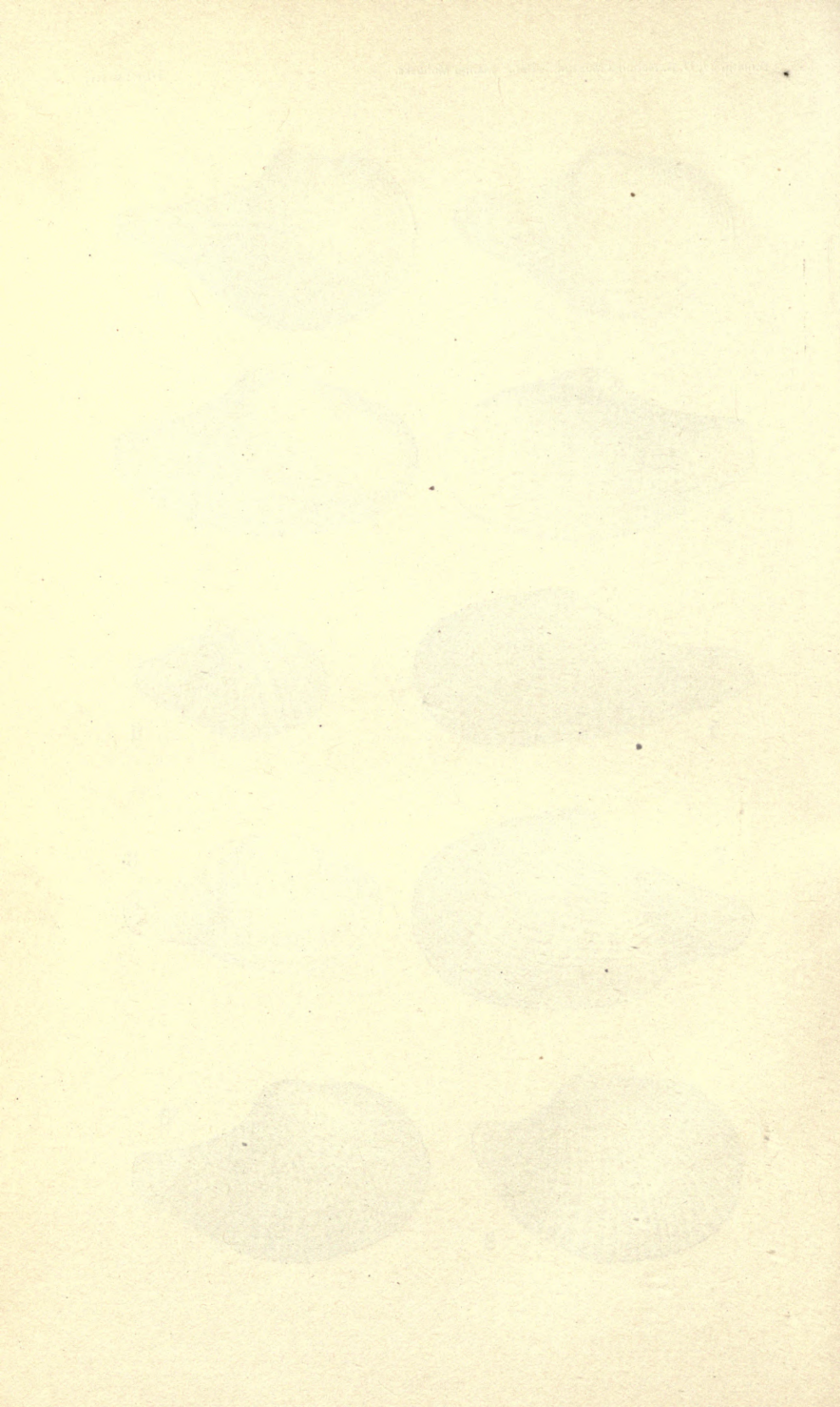
	Plate.		Plate.
Montacuta minuscula.....	84	Tellina crystallina.....	92
Montacuta percompressa.....	87	Tellina flagellum.....	92
Muricea multangula.....	76	Tellina georgiana.....	92
Muricea ostrearum.....	76	Tellina iheringi.....	92
Muricea philippiana.....	75	Tellina promera.....	92
Myonera limatula.....	95	Terebra floridana.....	75
Myonera ruginosa.....	95	Terebra rushii.....	75
Neilonella subovata.....	79	Terebra texana.....	75
Nucula cancellata.....	77	Thyasira croulinensis.....	87
Nucula granulosa.....	86	Thyasira elliptica.....	87
Nucula proxima? var. ovata.....	86	Thyasira equalis, var. alta.....	86
Nucula subovata.....	81	Thyasira inaequalis.....	87
Nucula verrillii.....	82	Thyasira plana.....	86
Pandora bushiana.....	88	Thyasira pygmaea.....	77
Pandora goldiana.....	93	Tindaria callistiformis.....	79, 80
Pandora trilineata.....	88	Tivela abaconis.....	90
Pecten costellata.....	77	Tivela braziliana.....	89
Pecten gibbus, var. amplicostatus.....	93	Tivela nasuta.....	89
Pecten islandicus.....	77	Transennella conradina.....	90
Periploma undulata.....	78	Transennella cubaniana.....	90
Philobrya atlantica.....	93	Transennella stimpsoni.....	88
Plagiocentium gibbus, var. amplicostatus.....	93	Umbraculum rushii.....	76
Psammacoma extenuata.....	92	Ventricola callimorpha.....	90
Pseudoneptunea multangula.....	76	Ventricola strigilina.....	89
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Pseudopythina rugifera.....	83	Yoldia casta.....	79
Retusa mayoi.....	75	Yoldia dissimilis.....	80
Rochefortia alantica.....	83	Yoldia fraterna.....	79
Rochefortia barbadensis.....	83	Yoldia frigida.....	78
Rochefortia casta.....	85	Yoldia inconspicua.....	78
Rochefortia mölleri.....	84	Yoldia inflata.....	79
Rochefortia pedroana.....	84	Yoldia iris.....	79
Rochefortia planata.....	84	Yoldia jeffreysi.....	81
Rochefortia planulata.....	85	Yoldia lenticula.....	79
Rochefortia tumida.....	83	Yoldia lucida.....	79
Rochefortia (tumidula var?).....	85	Yoldia minuscula.....	78
Rupellaria? cancellata.....	91	Yoldia subangulata.....	78
Scala cochlea.....	76	Yoldiella dissimilis.....	80
Scala mitchelli.....	76	Yoldiella fraterna.....	79
Scala nitidella.....	76	Yoldiella frigida.....	78
Scala retifera.....	76	Yoldiella inconspicua.....	78
Scala scipio.....	75	Yoldiella inflata.....	79
Scapharca profundicola.....	80	Yoldiella iris.....	79
Solemya grandis.....	77	Yoldiella jeffreysi.....	81
Sportella californica.....	84	Yoldiella lenticula, var. amplia.....	79
Sportella pilsbryi.....	84	Yoldiella lucida.....	79
Sportella stearnsii.....	83	Yoldiella minuscula.....	78
Tellina americana.....	92	Yoldiella subangulata.....	78
Tellina colorata.....	92		

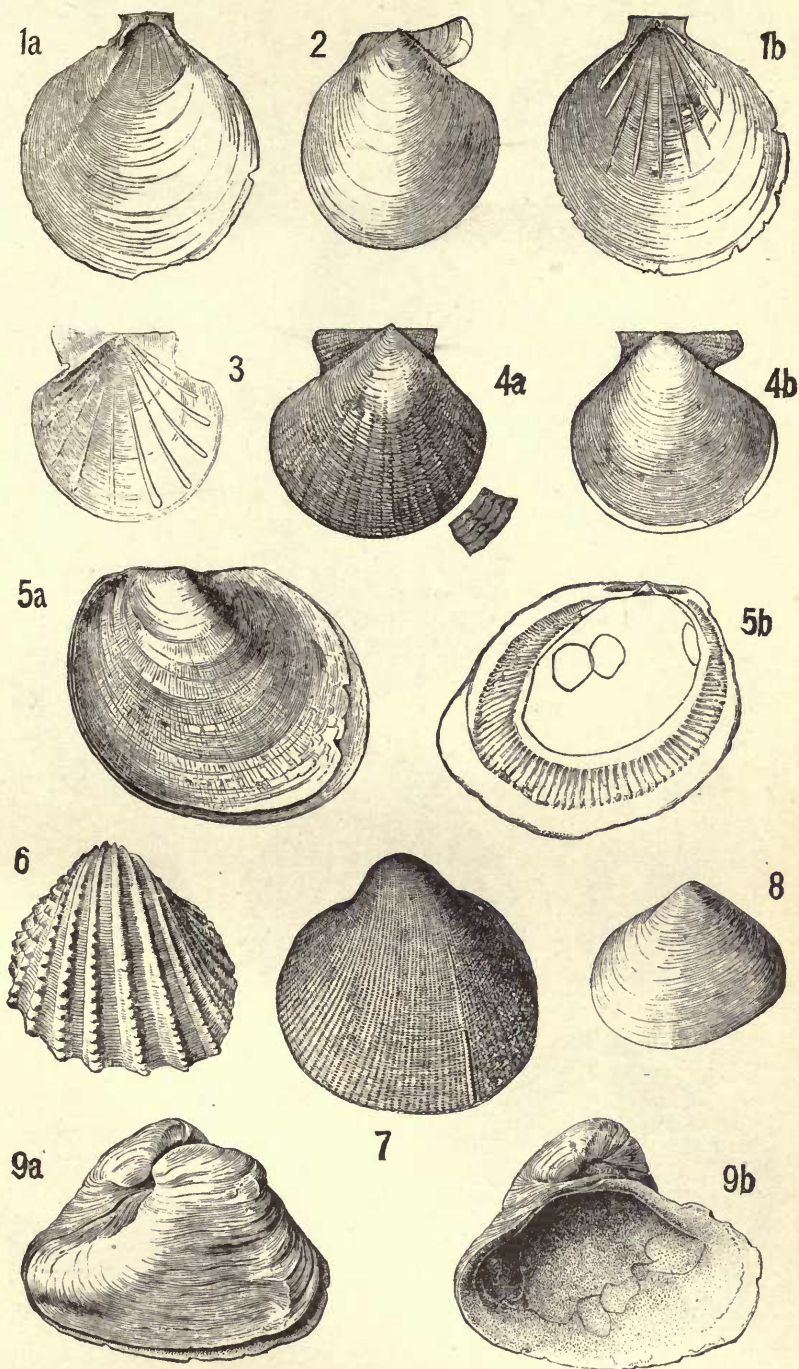


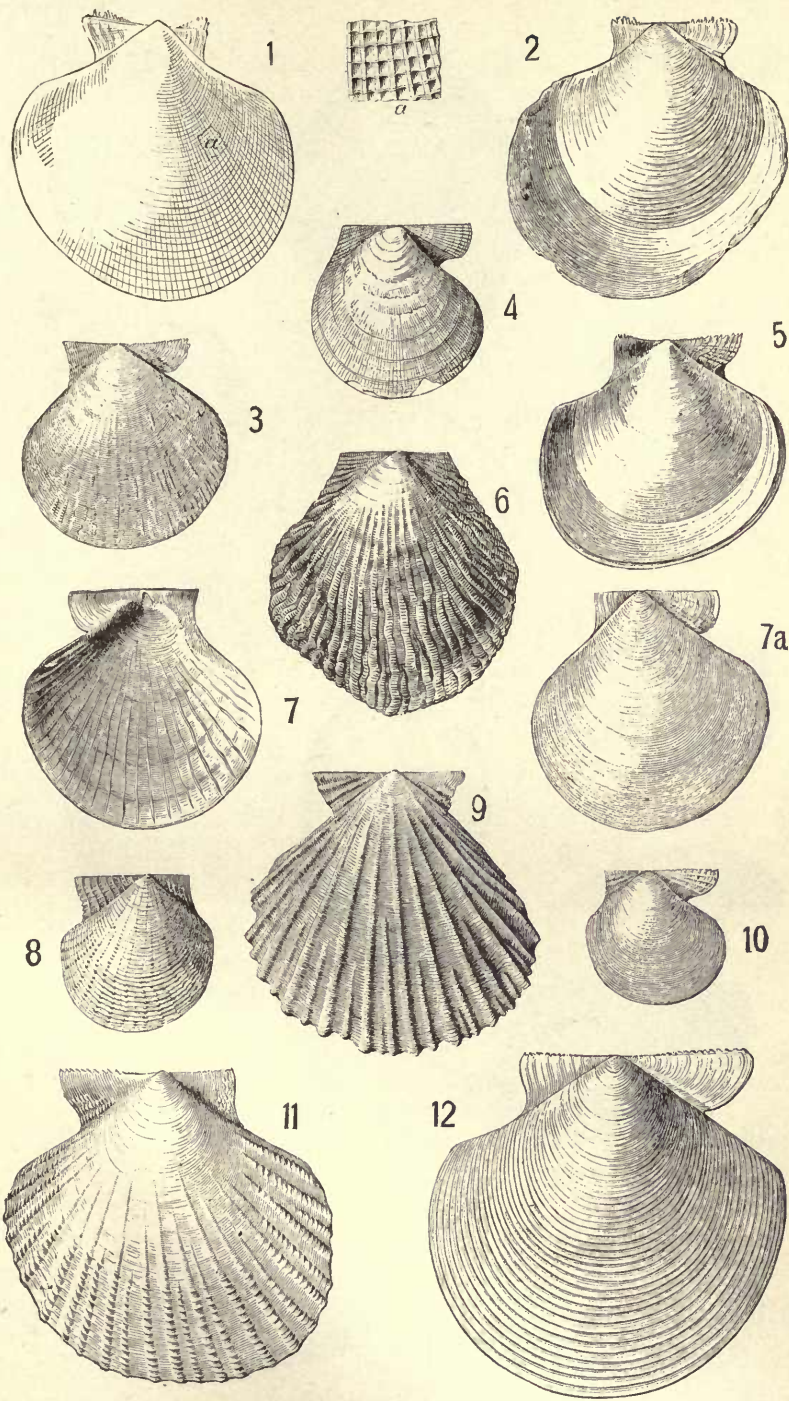


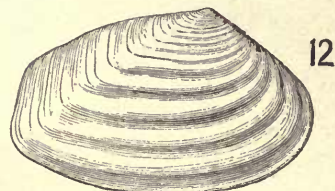
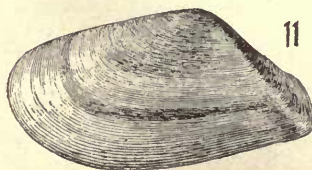
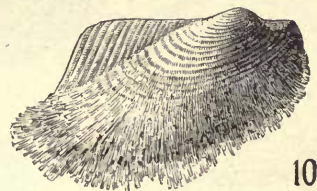
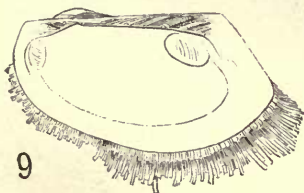
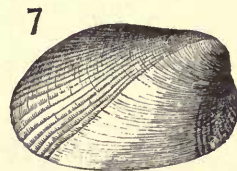
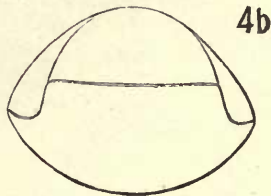
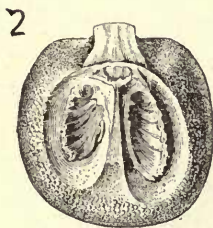
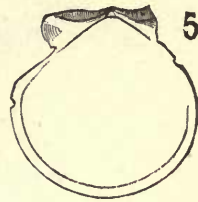
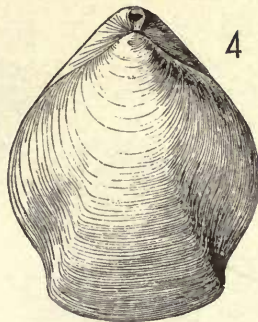
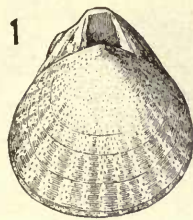


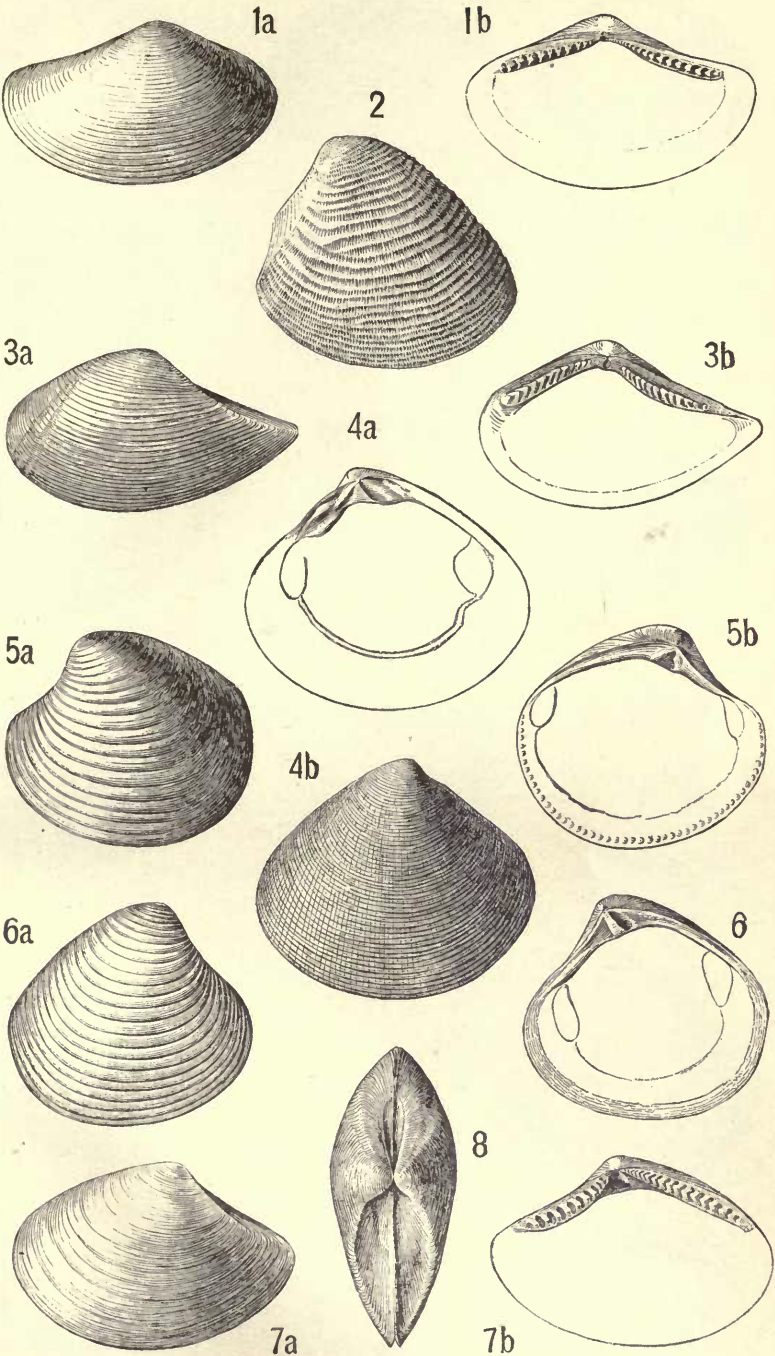


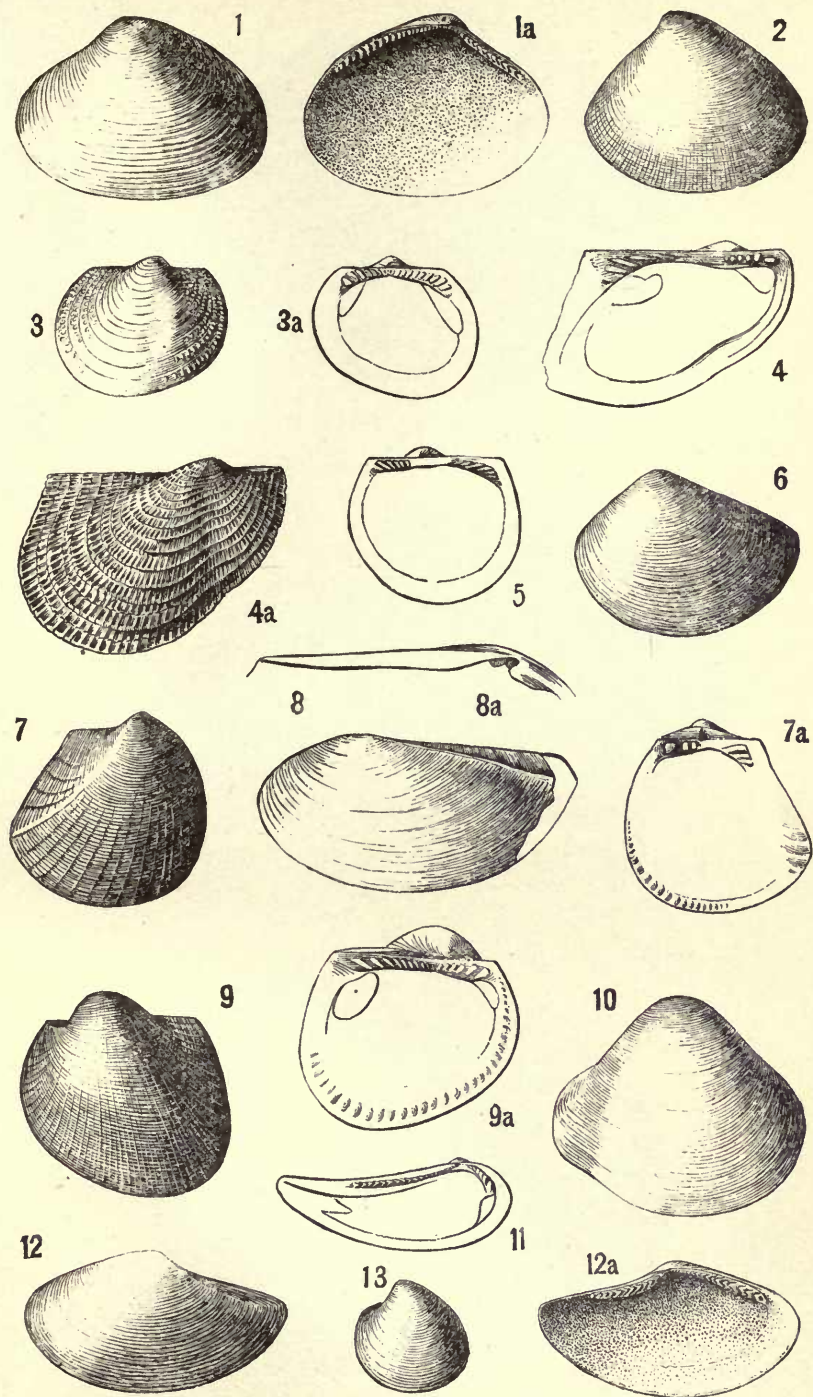


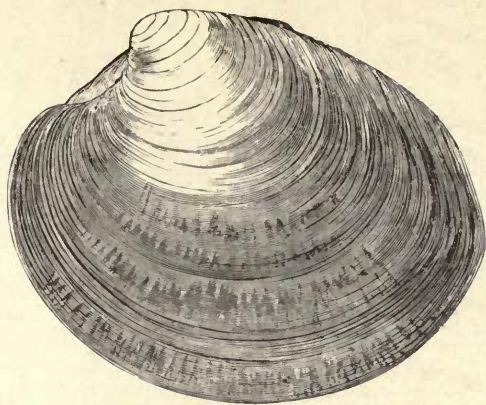




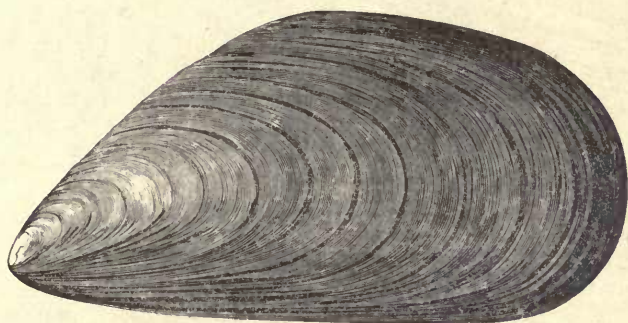




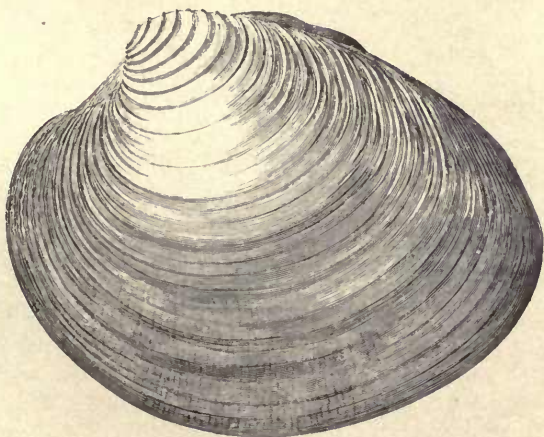




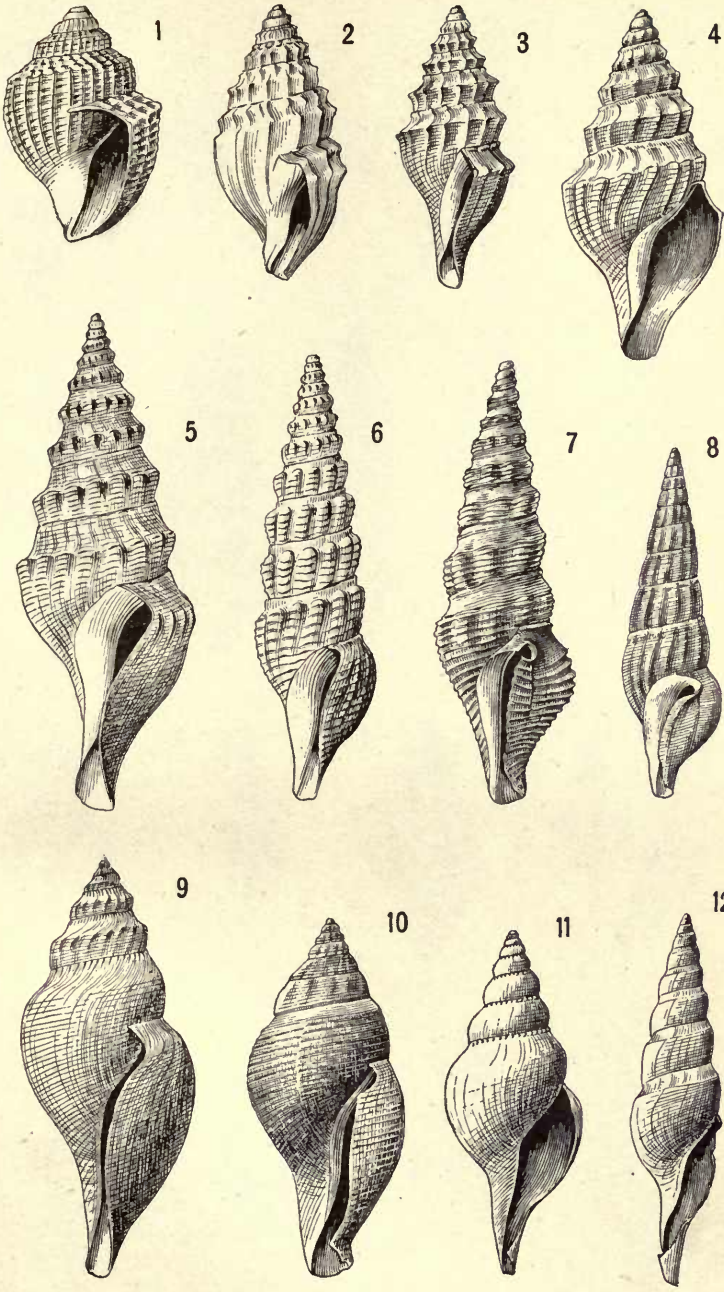
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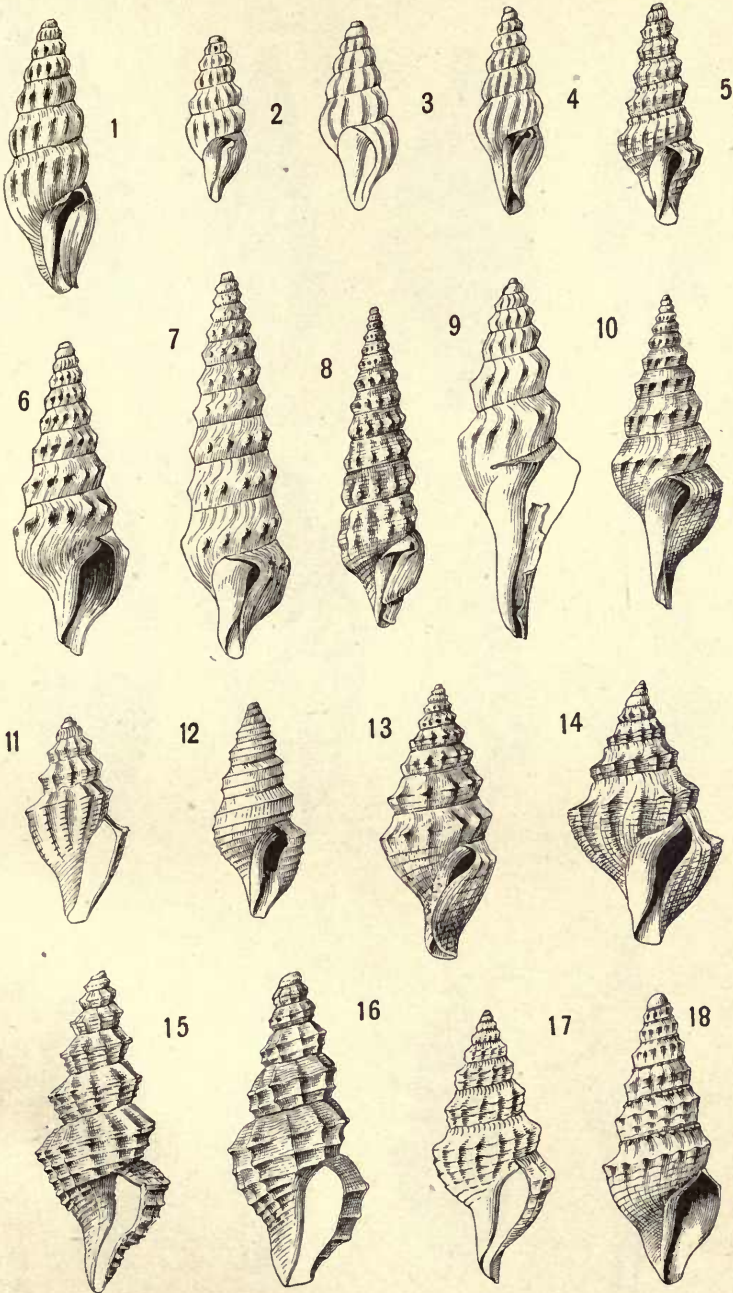


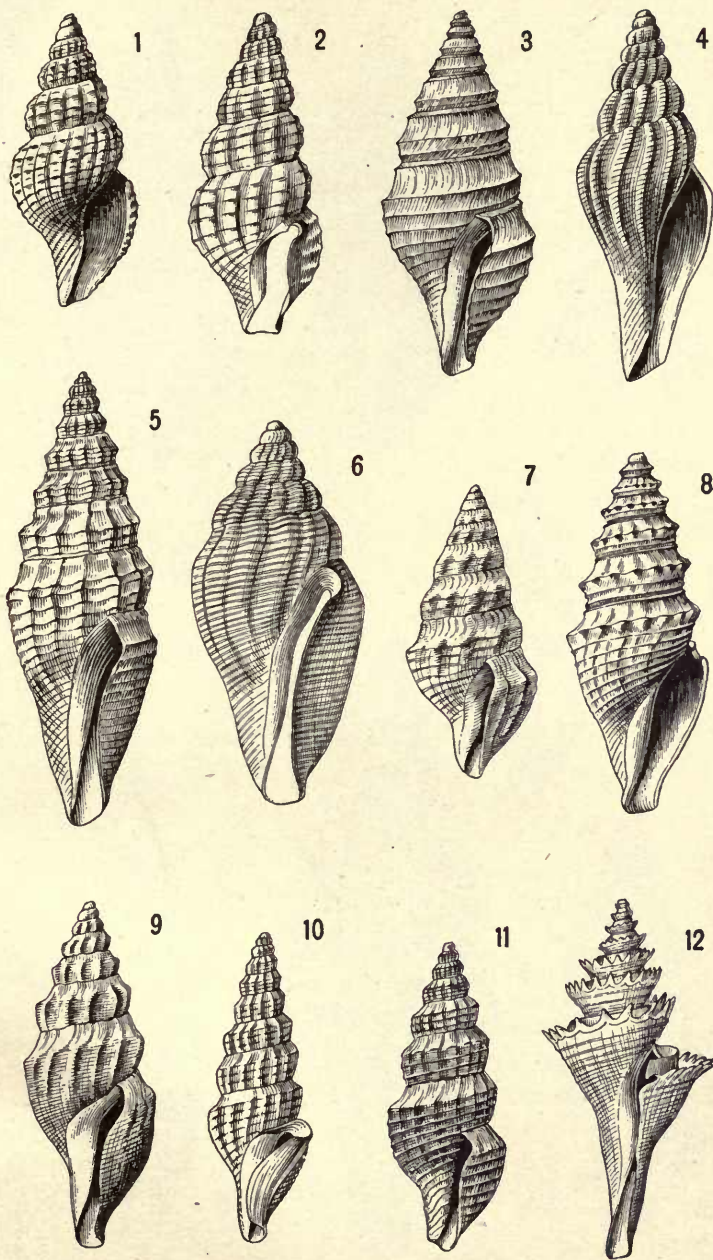
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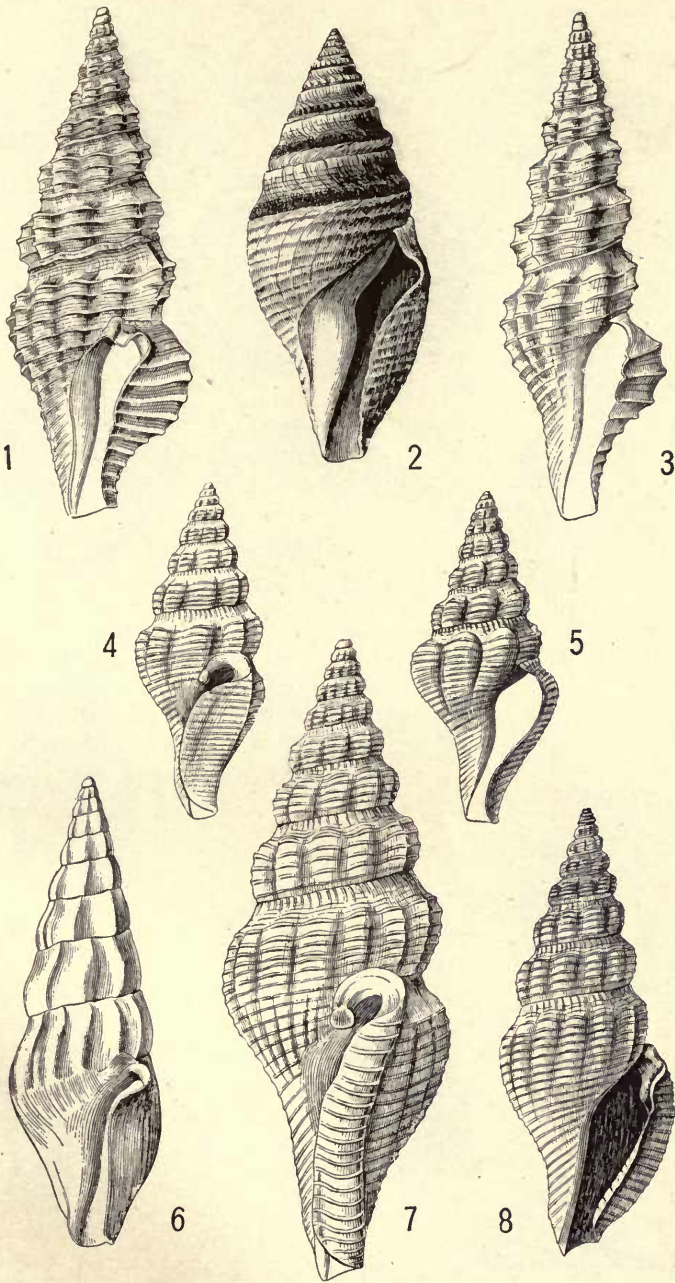


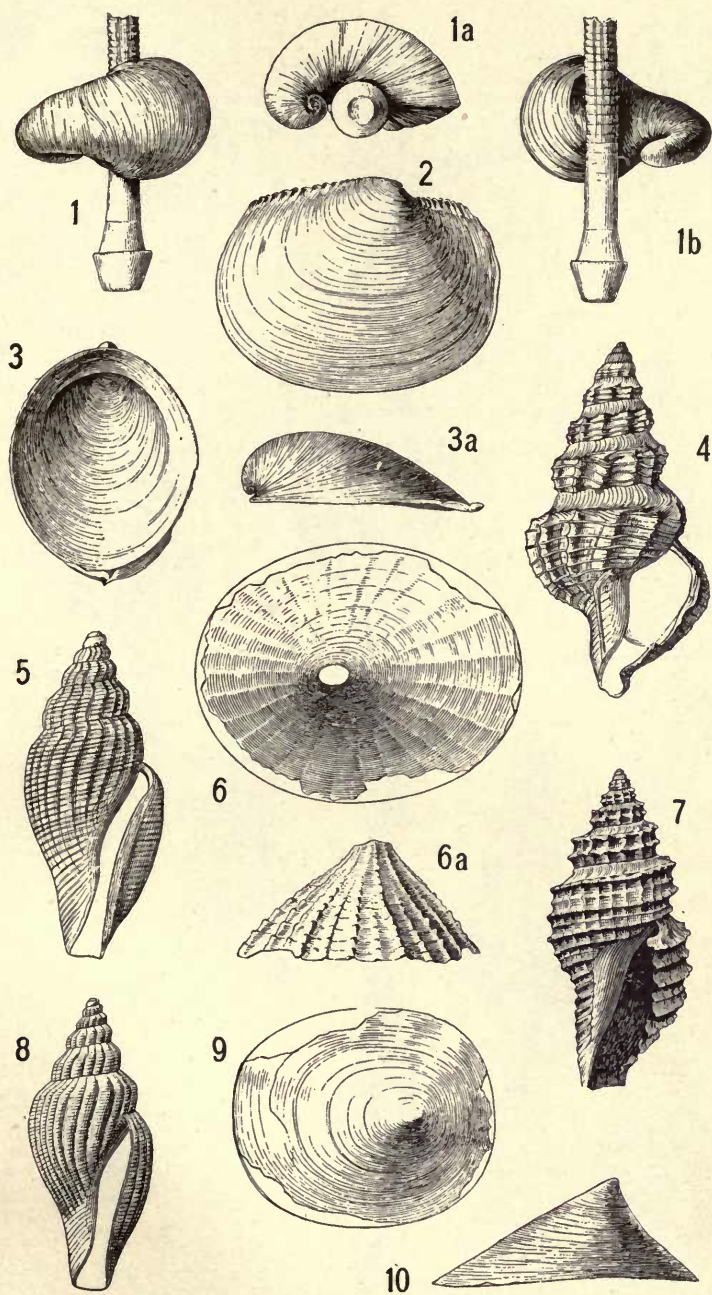
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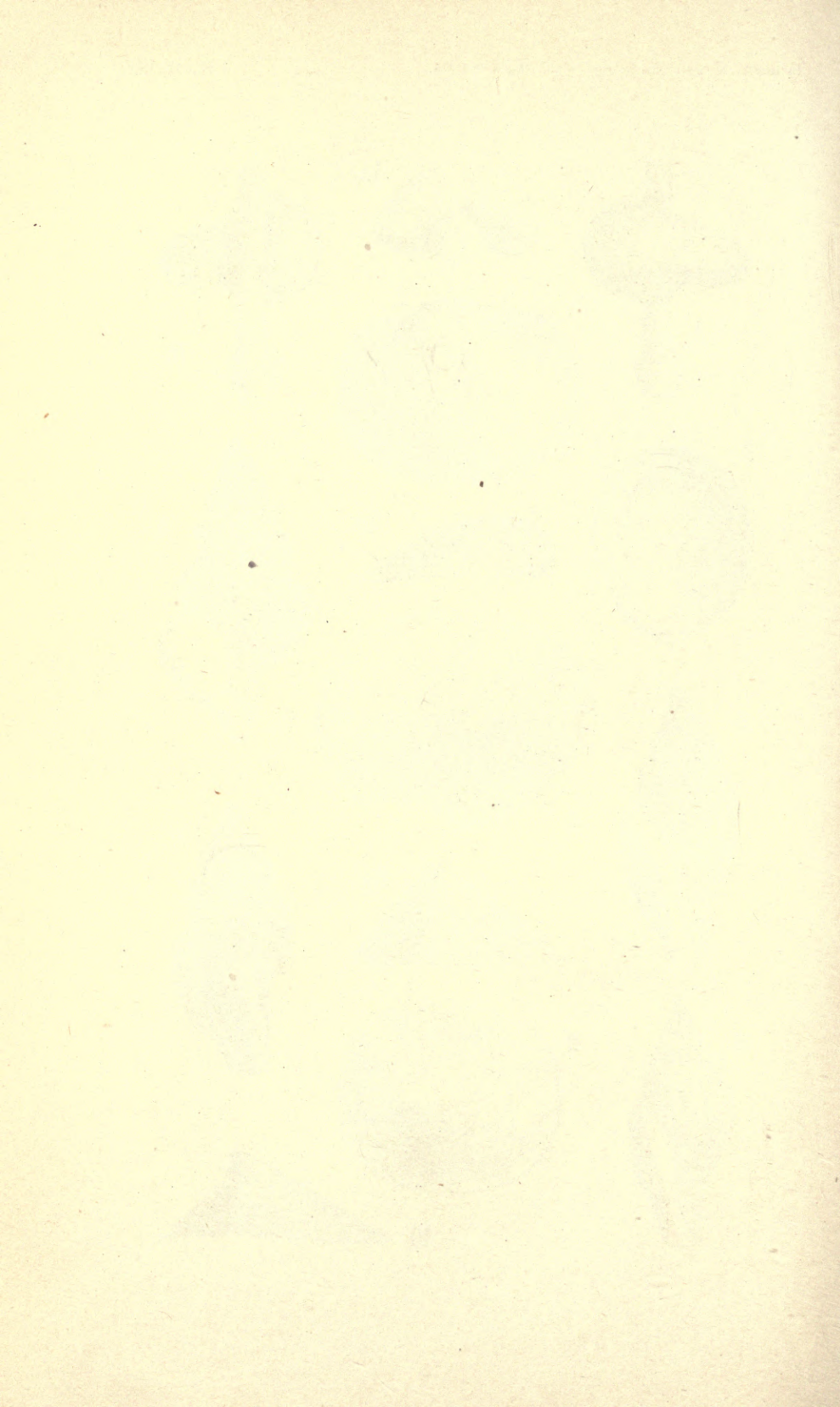


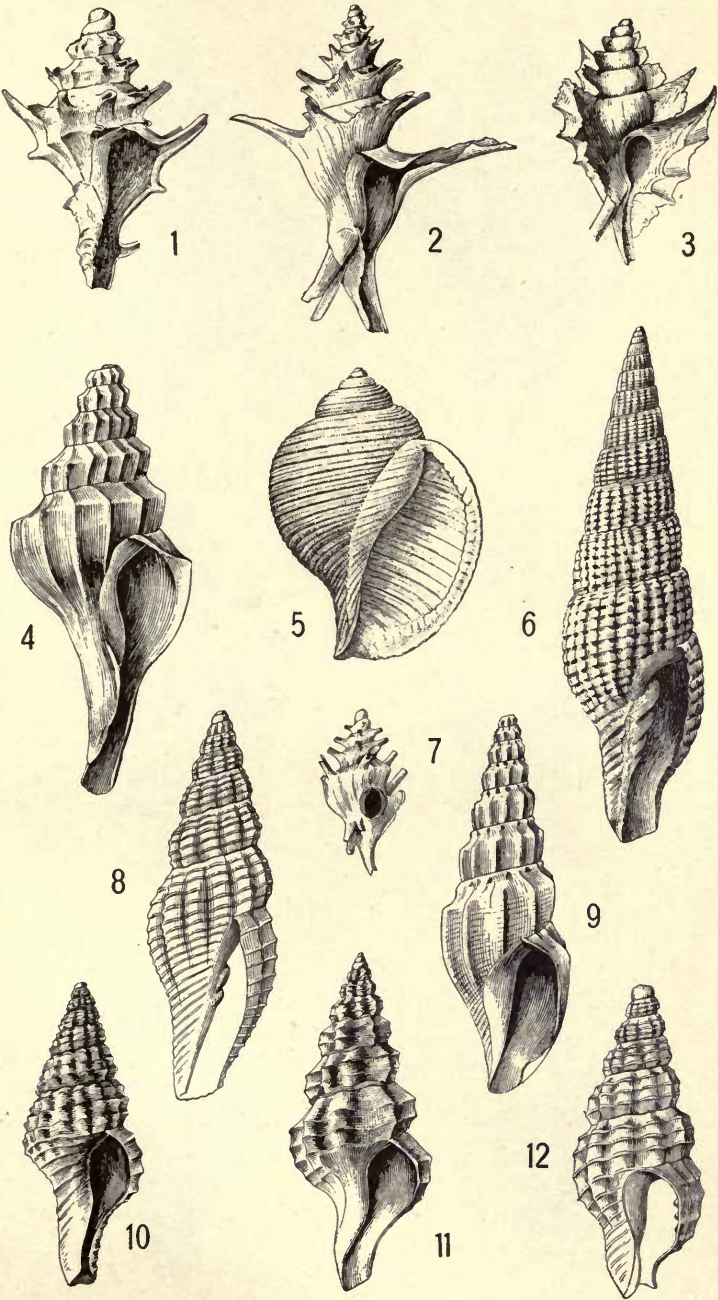


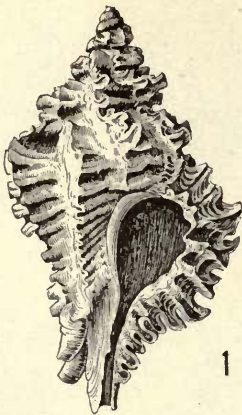












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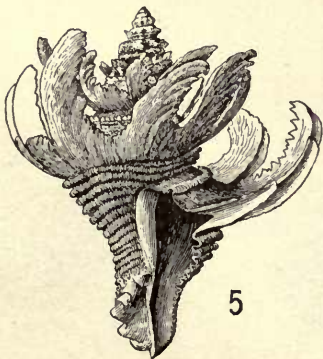
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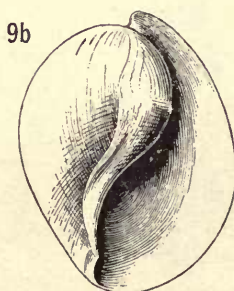
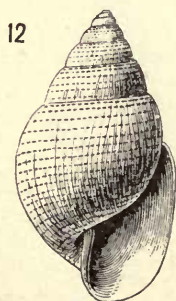
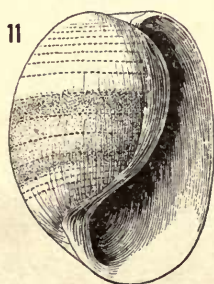
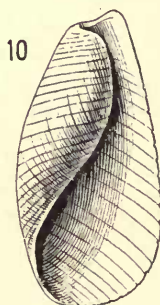
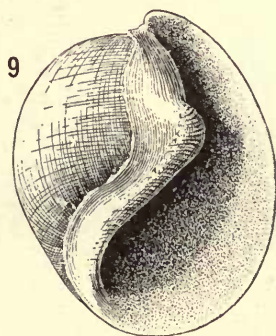
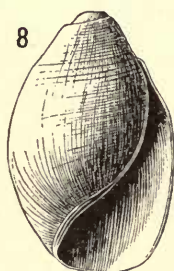
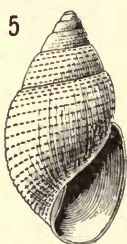
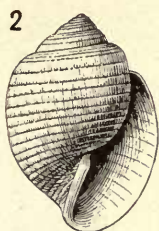
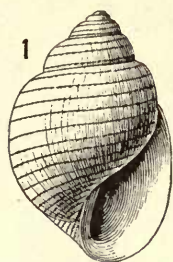
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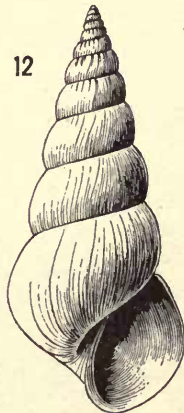
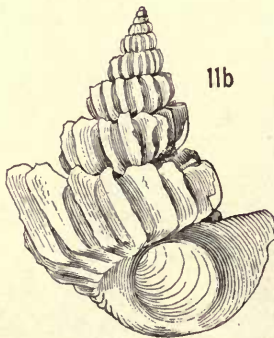
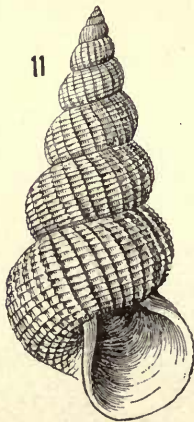
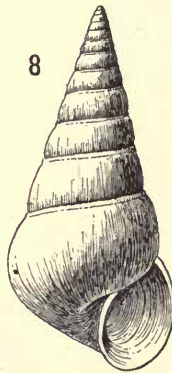
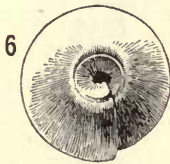
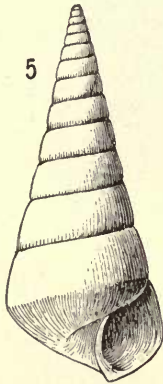
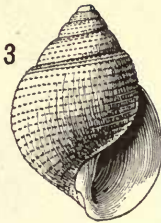
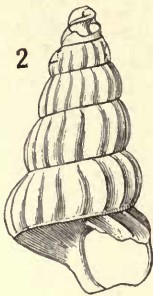


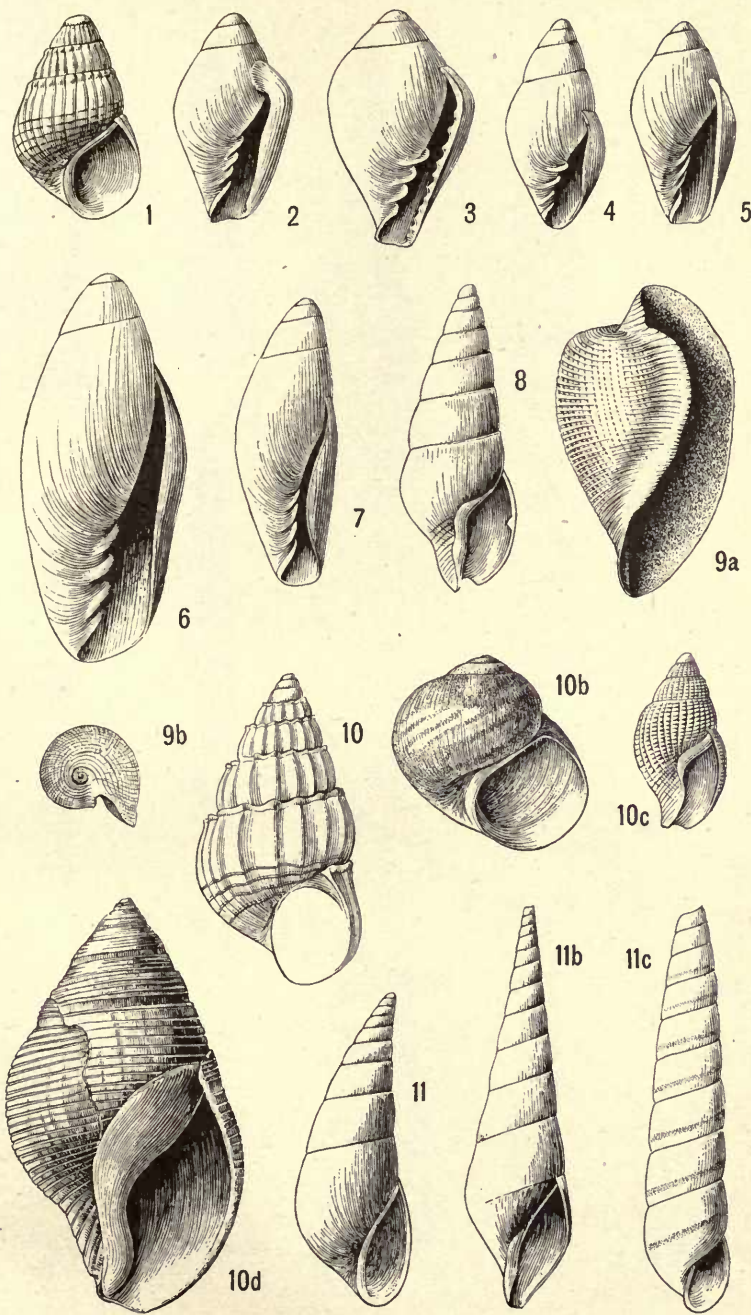
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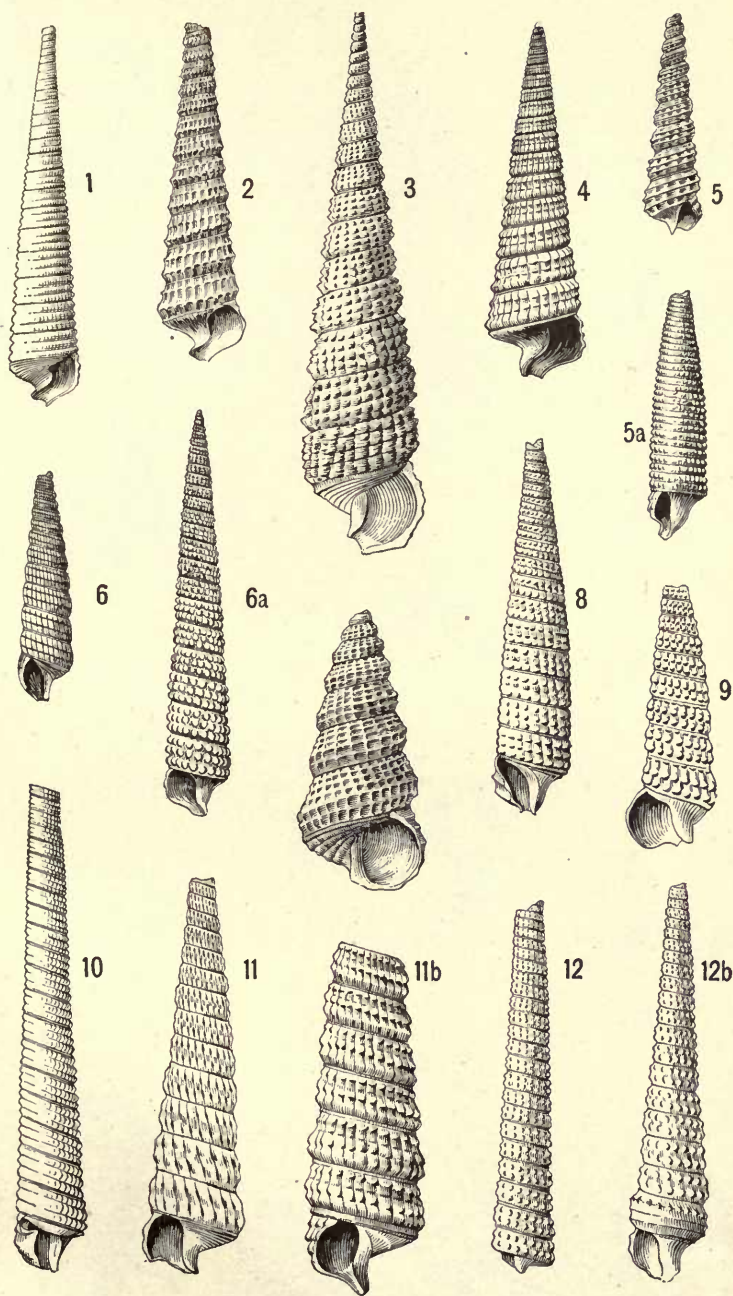


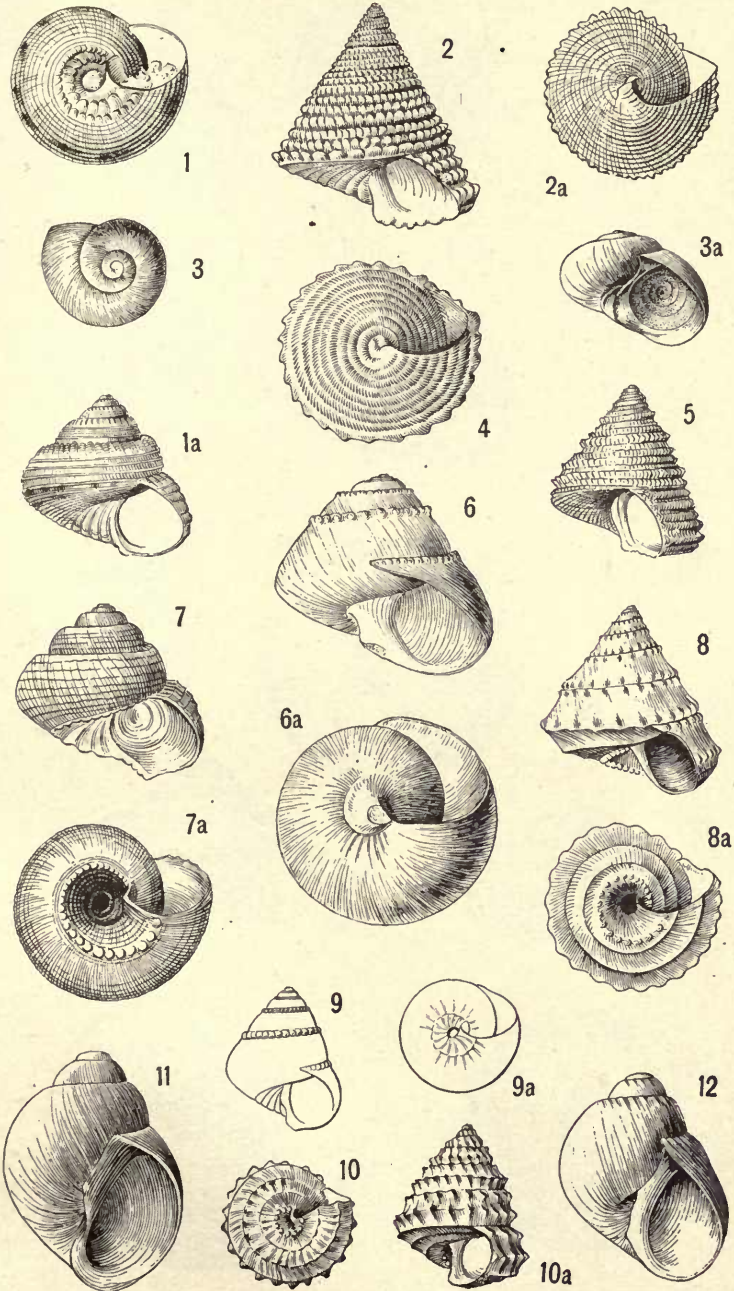
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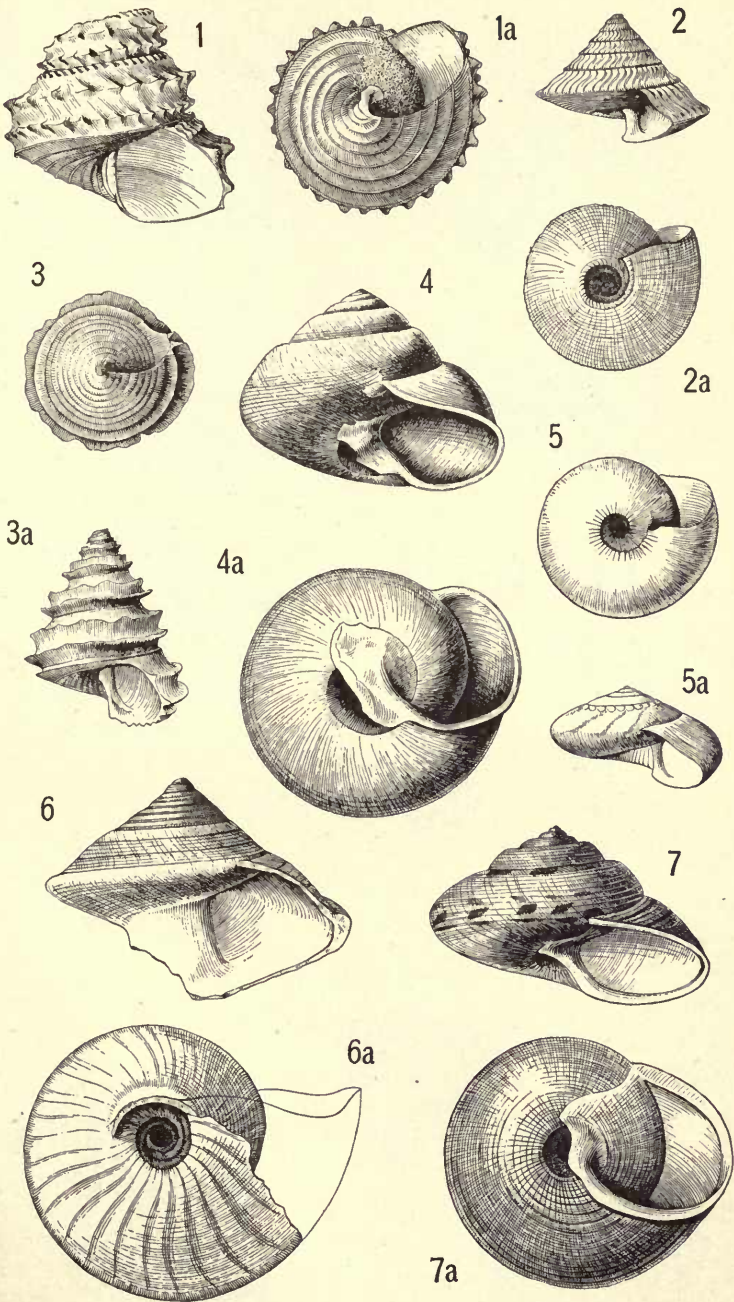


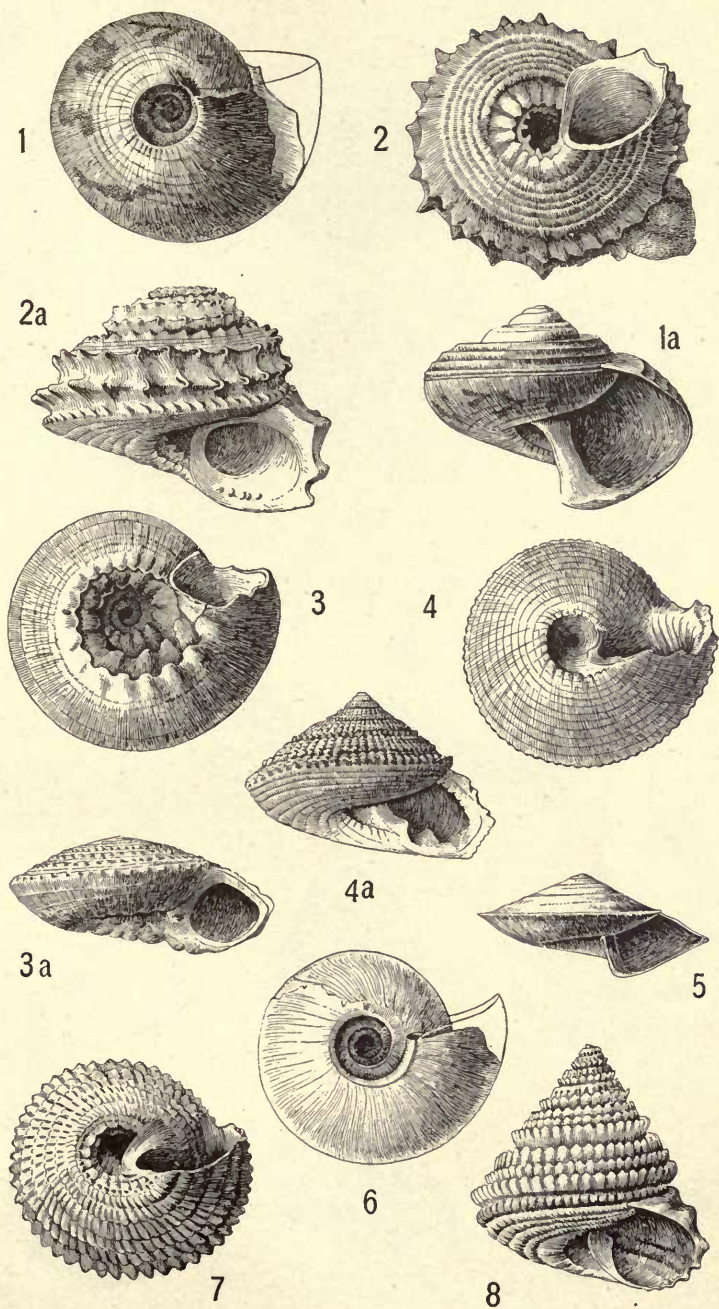


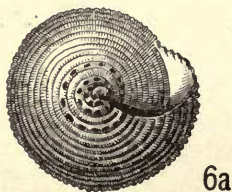
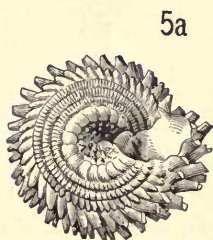
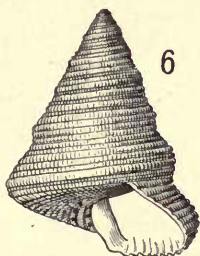
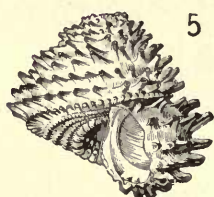
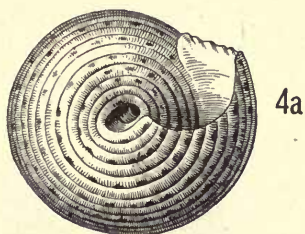
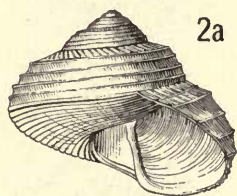
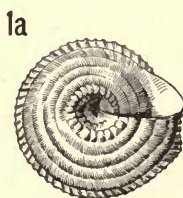
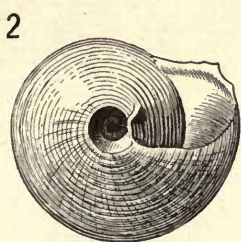


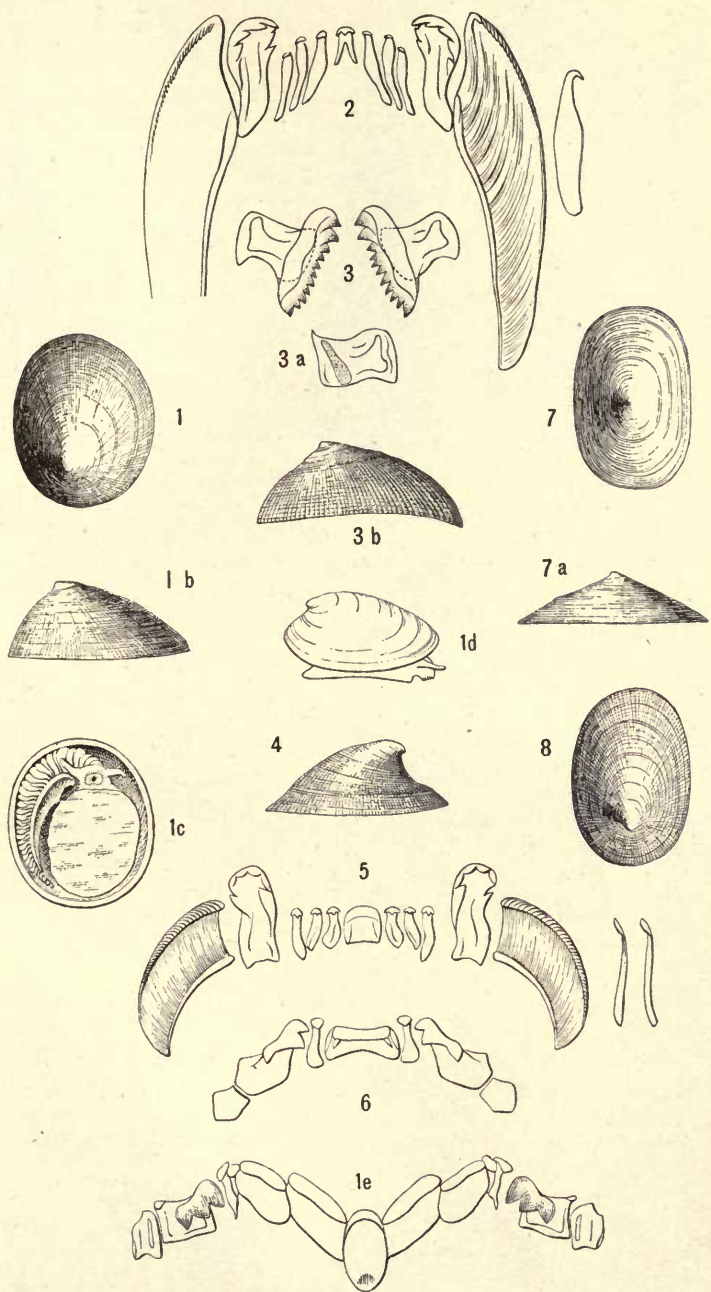


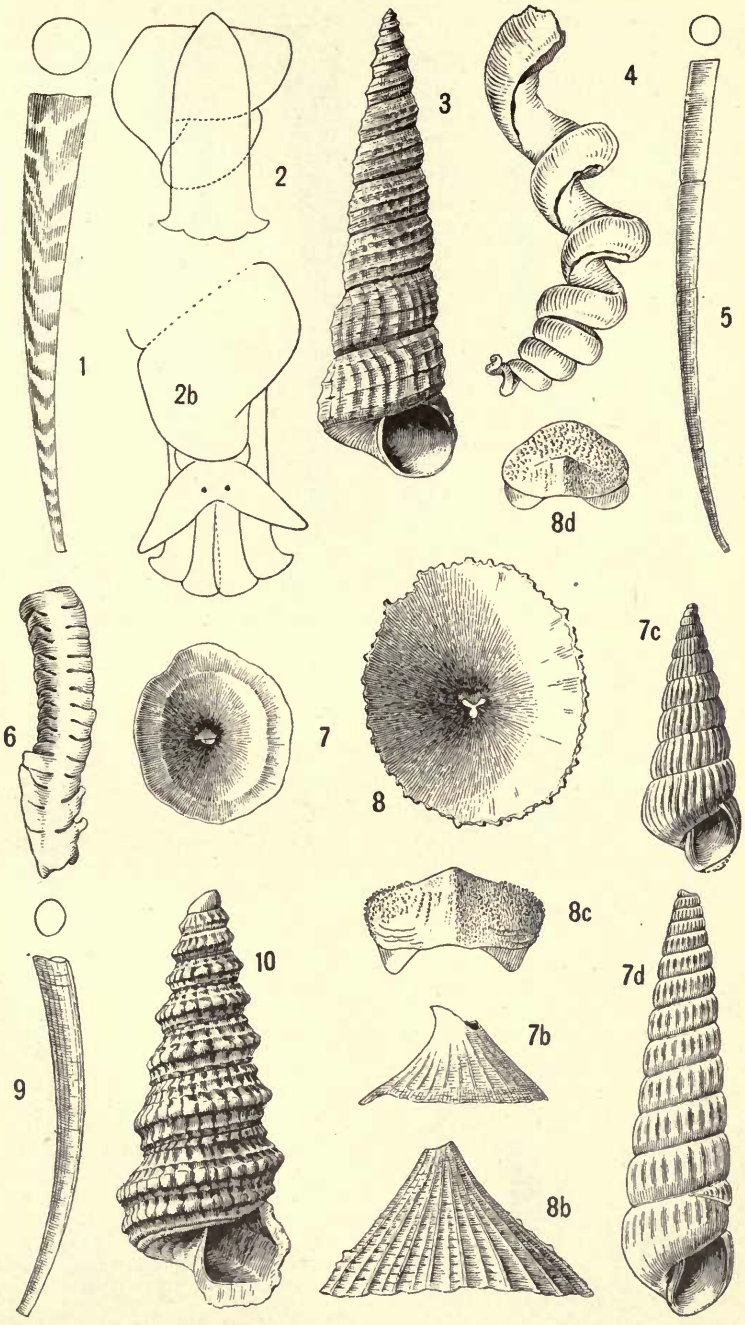


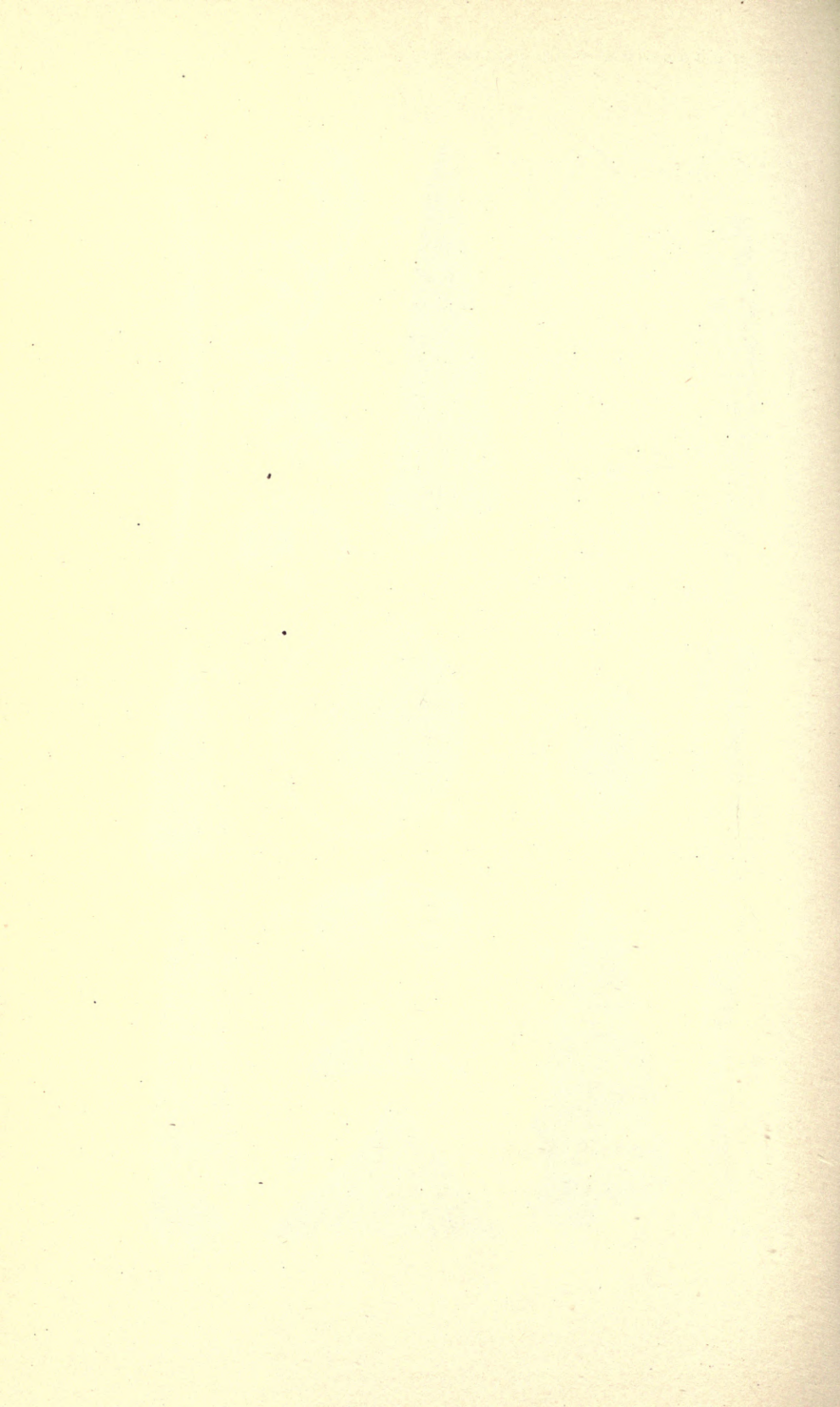


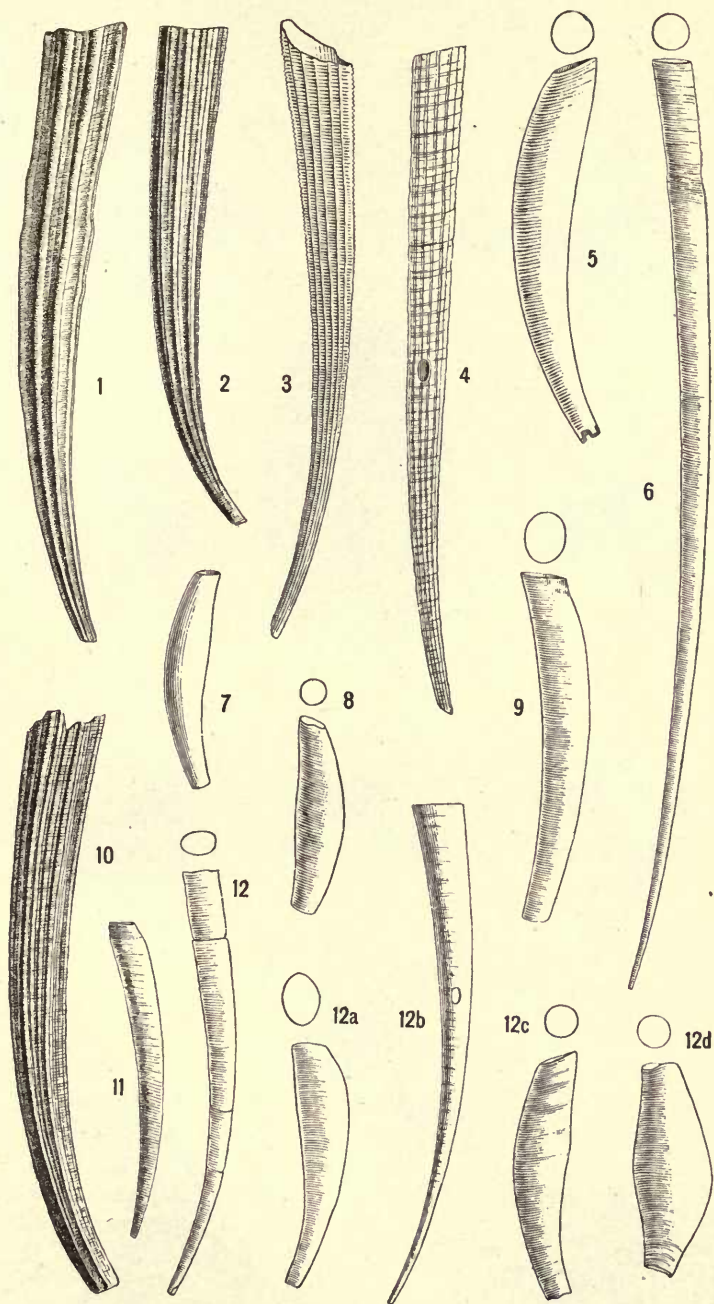


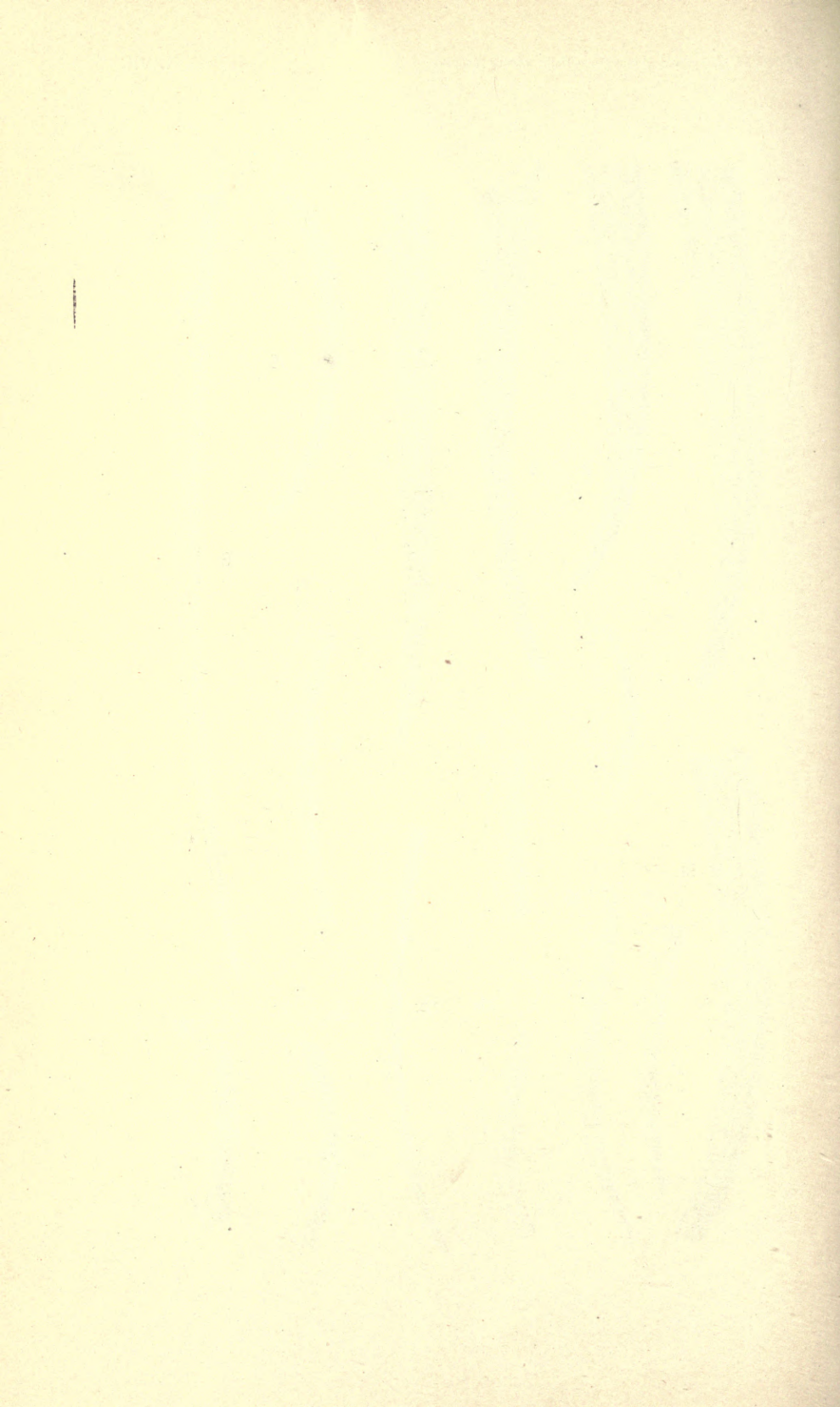


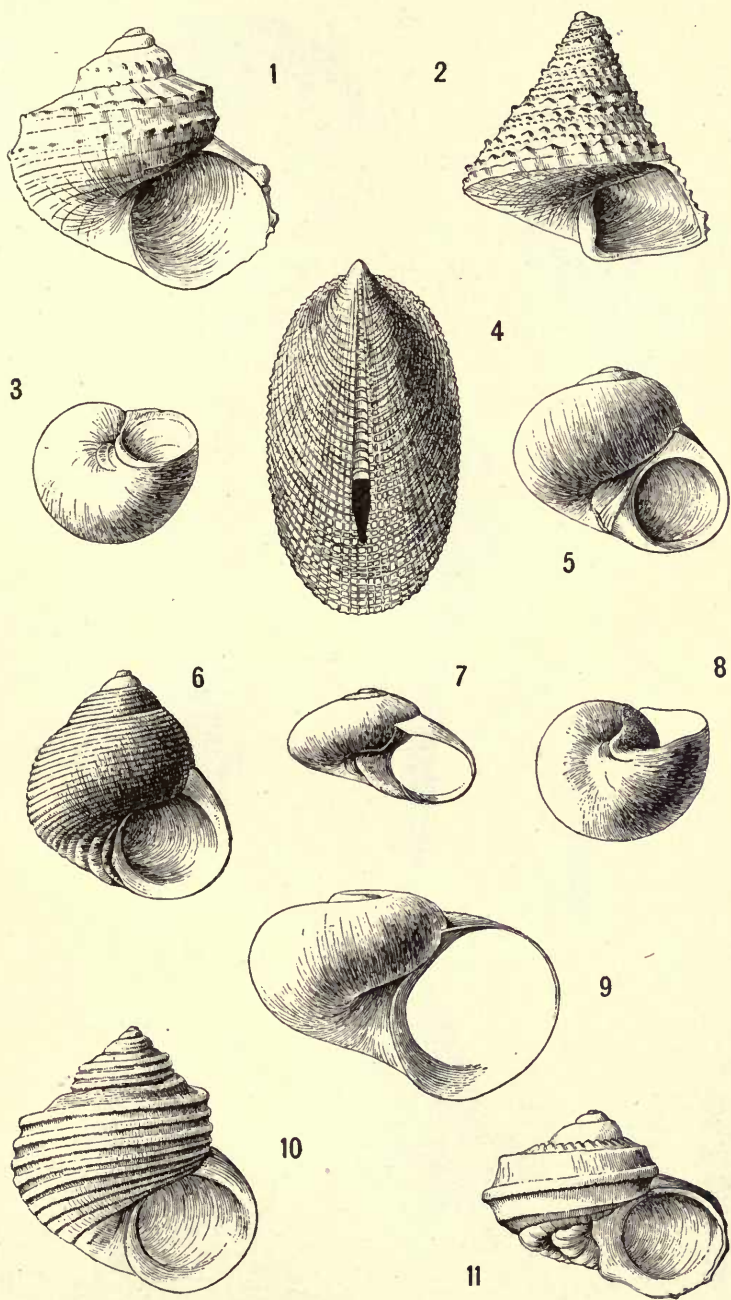


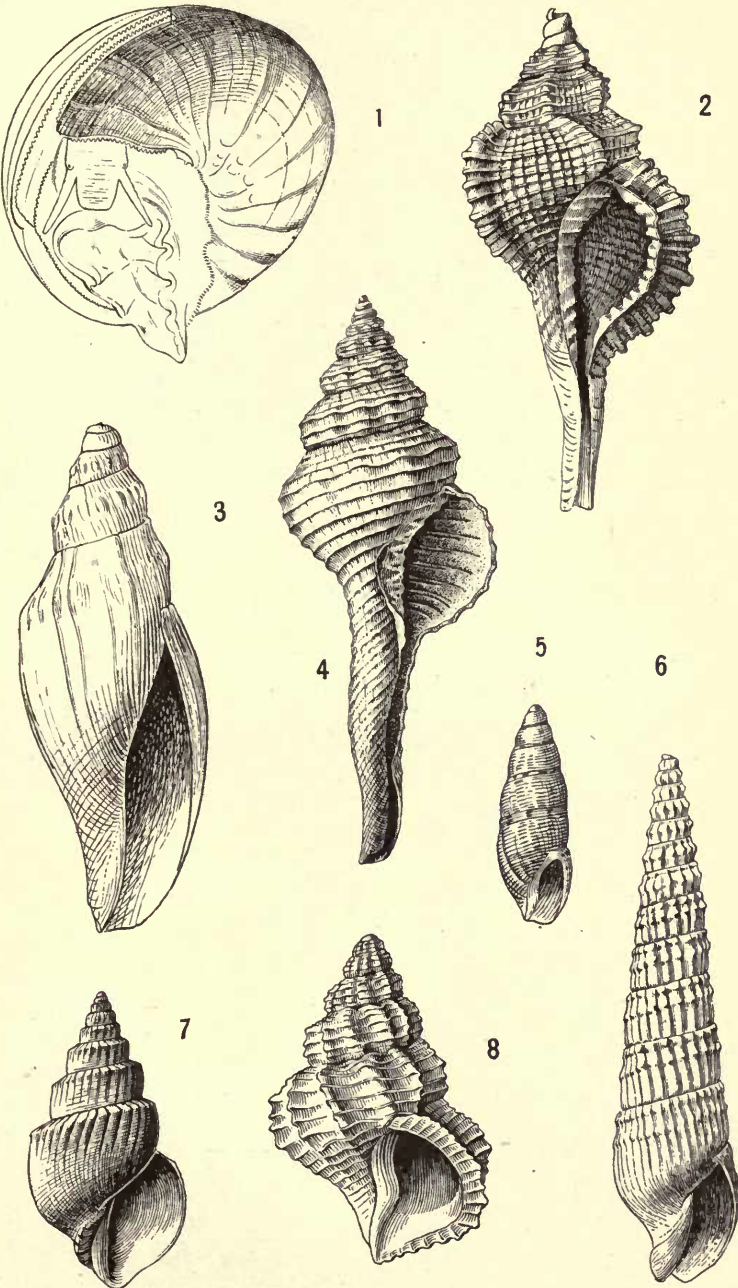


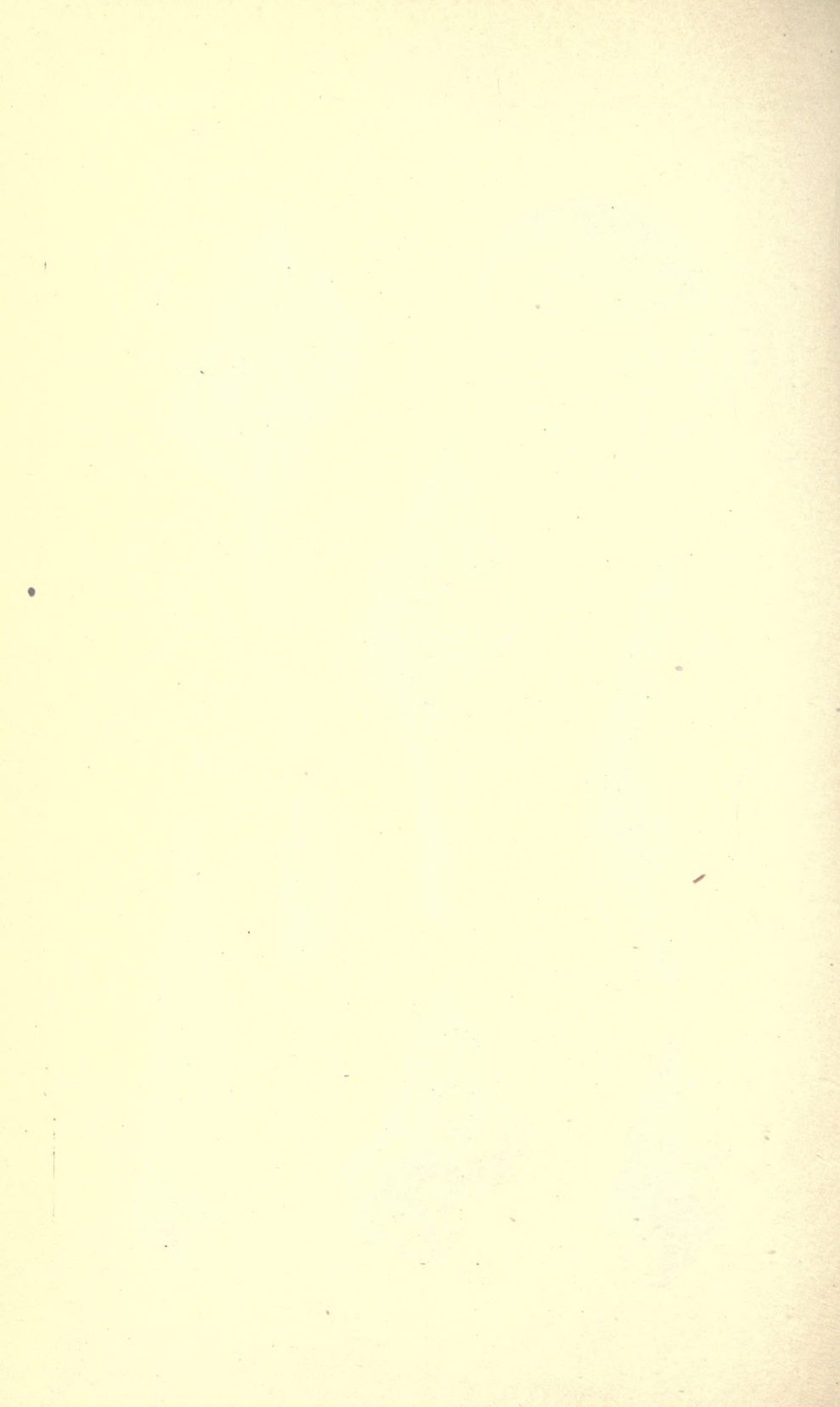


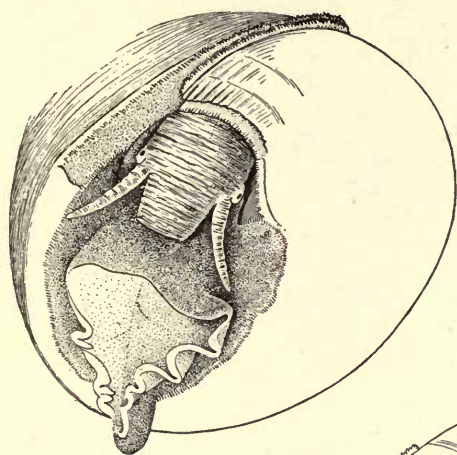




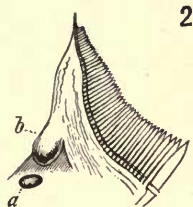




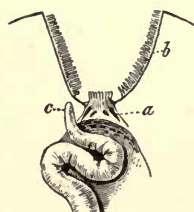




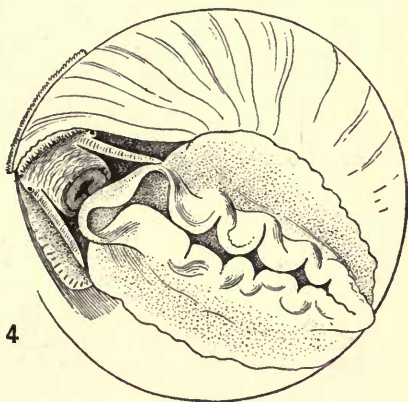
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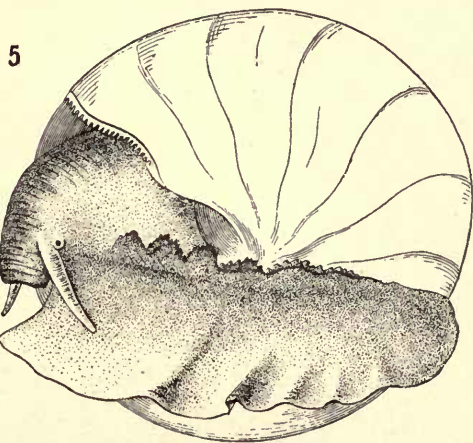
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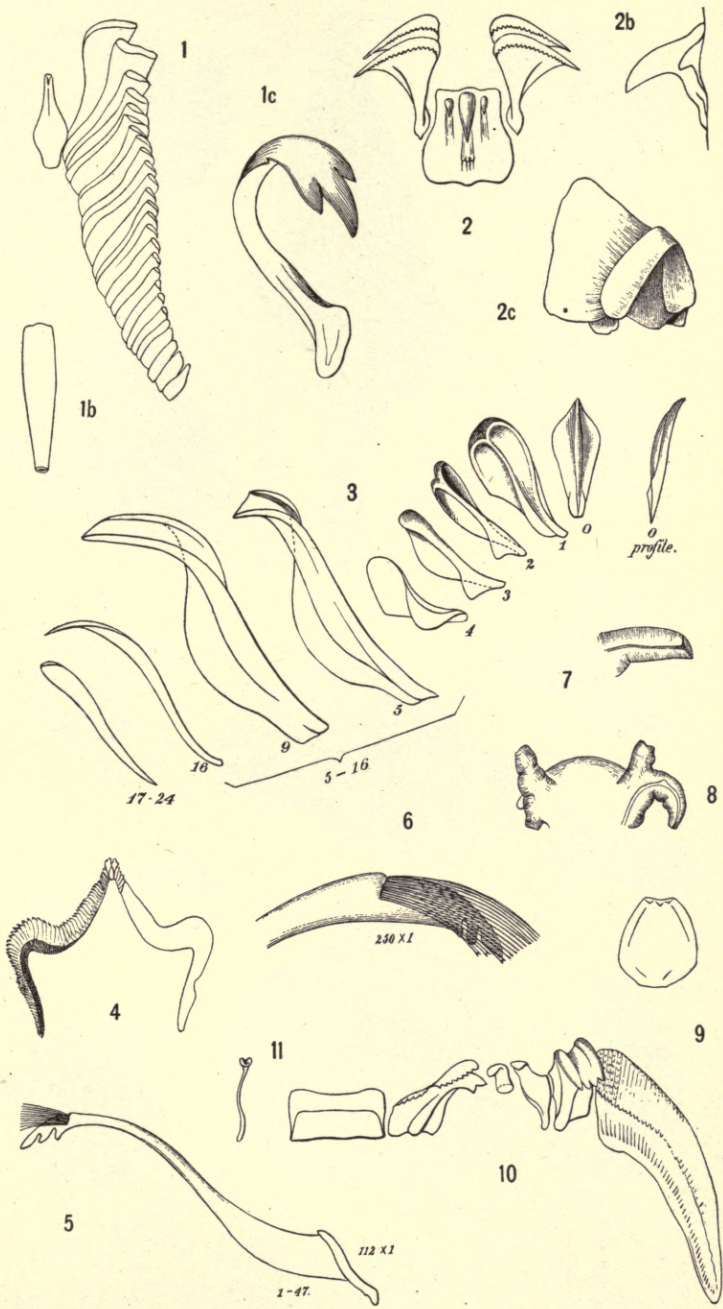
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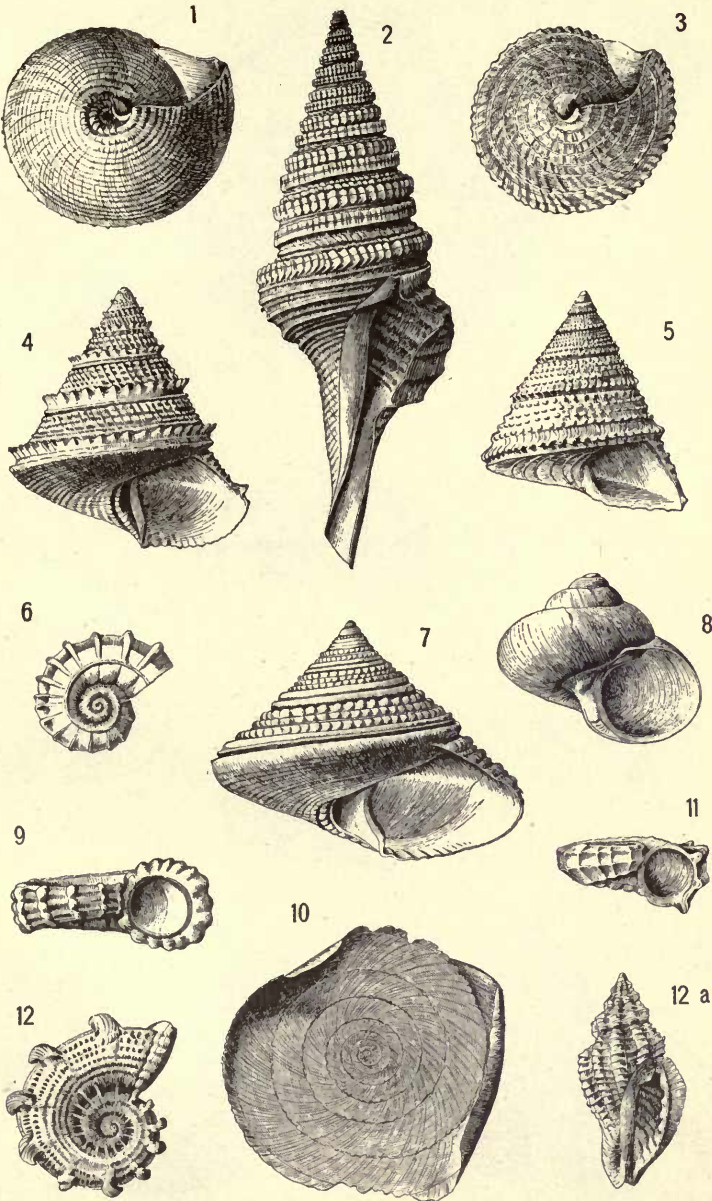


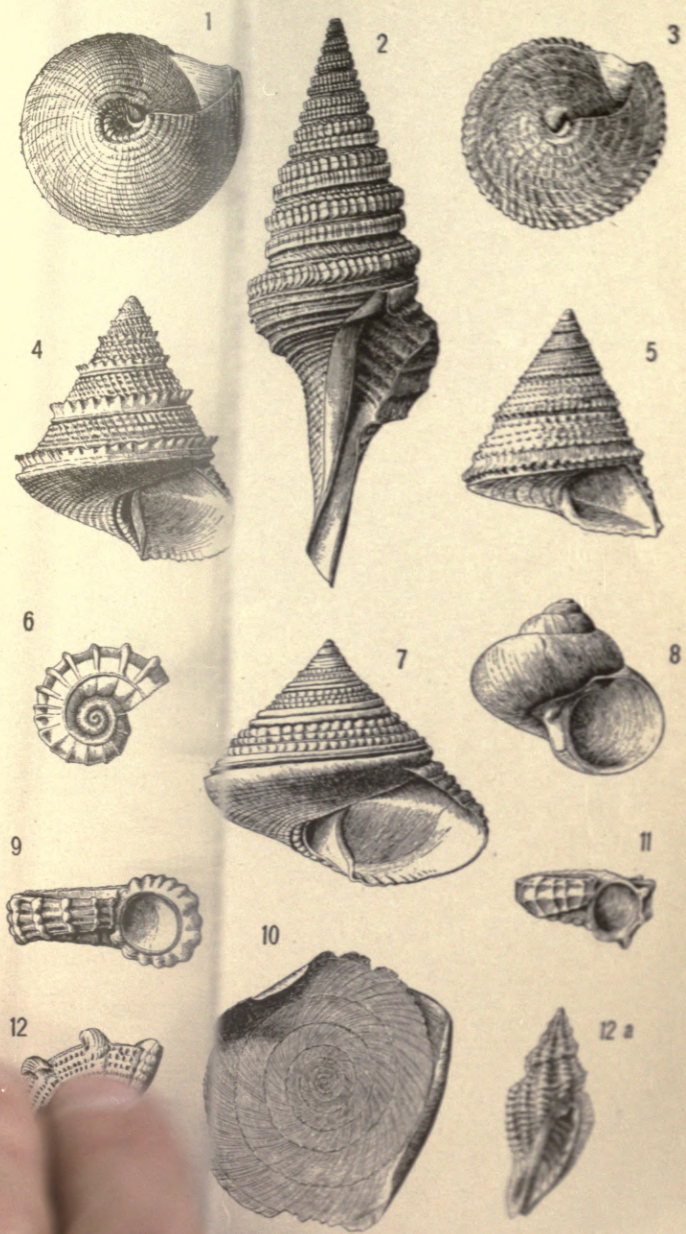
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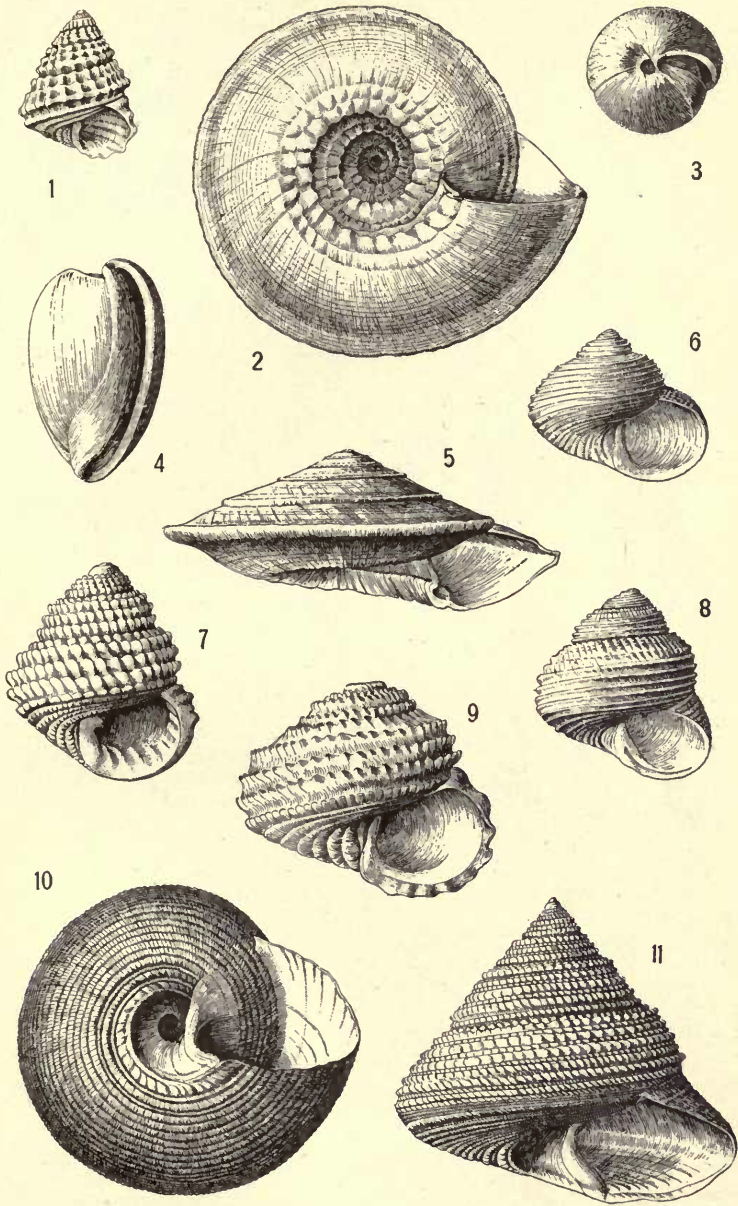


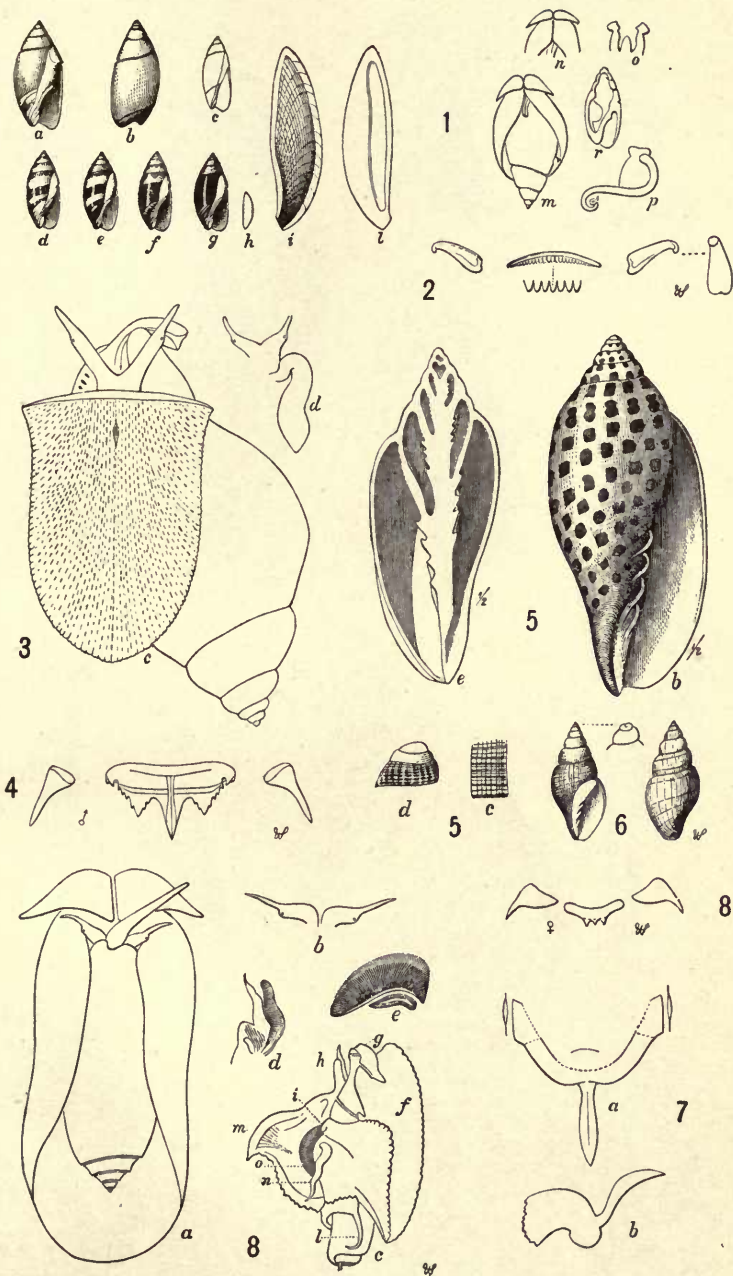
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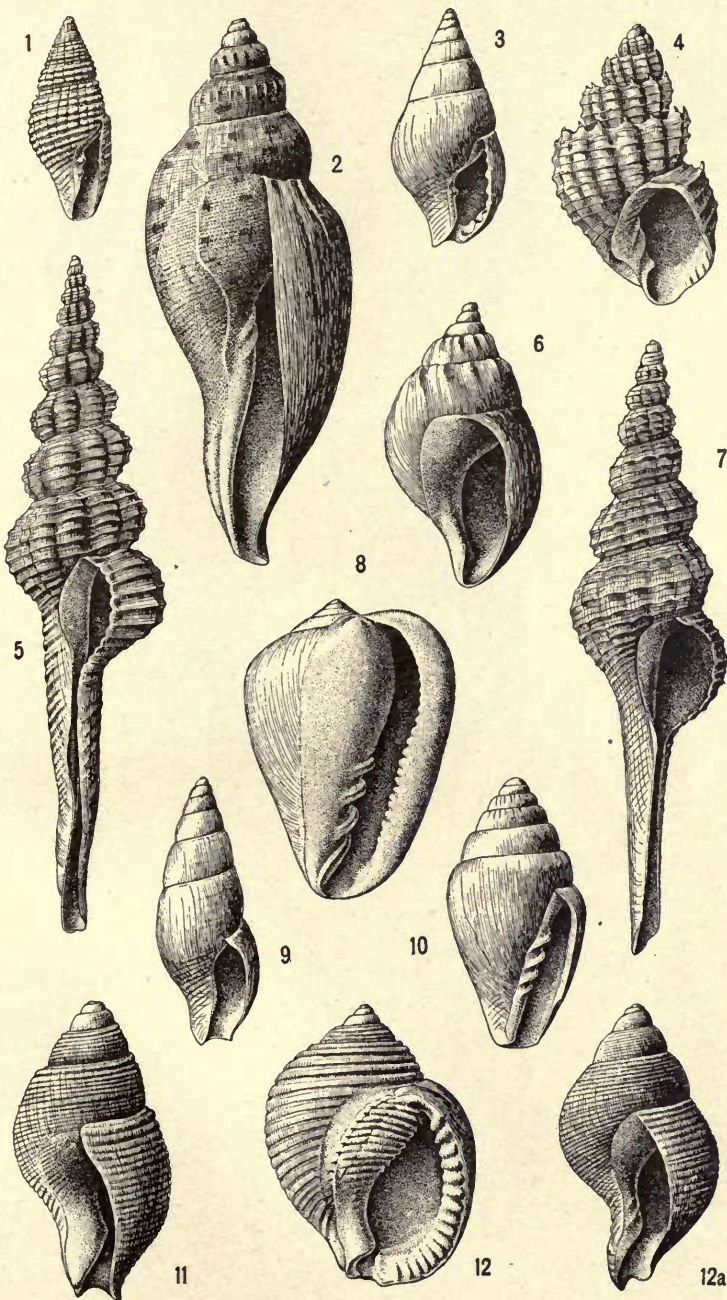




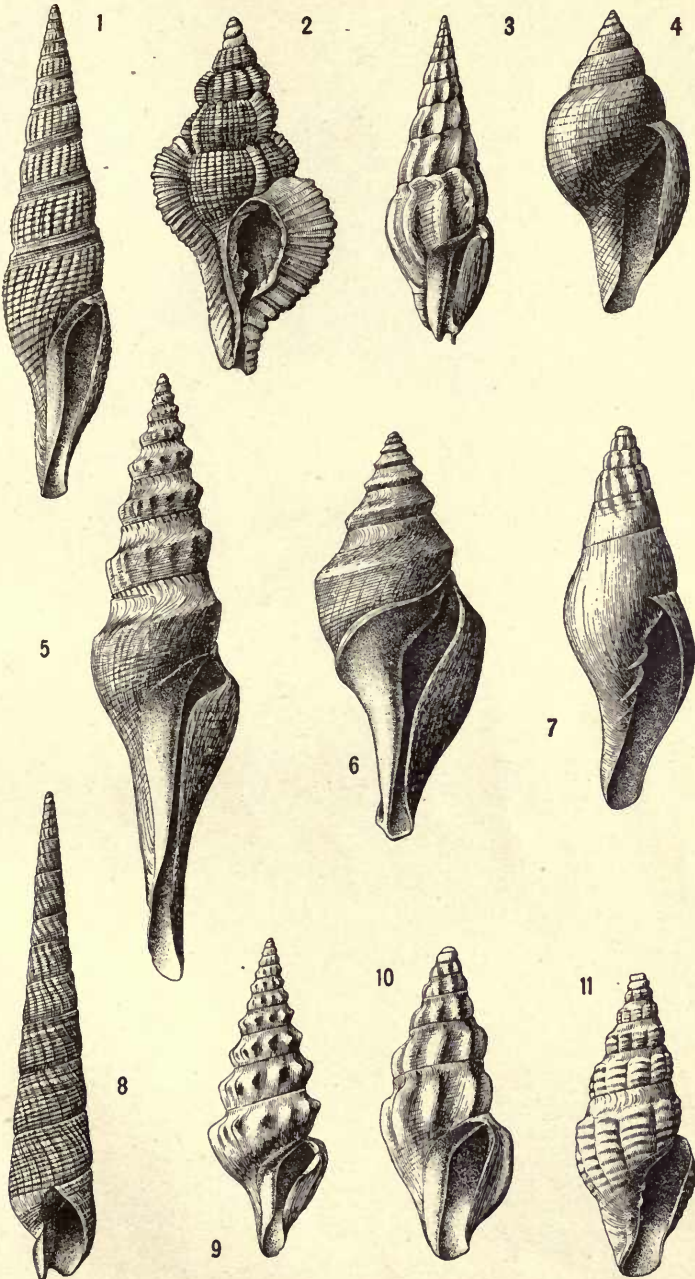


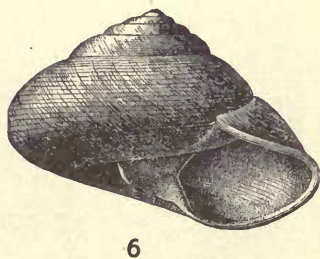
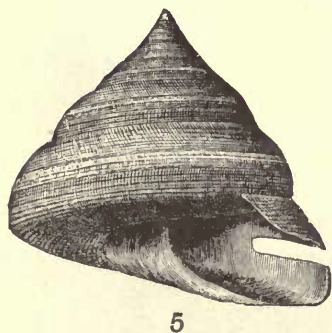
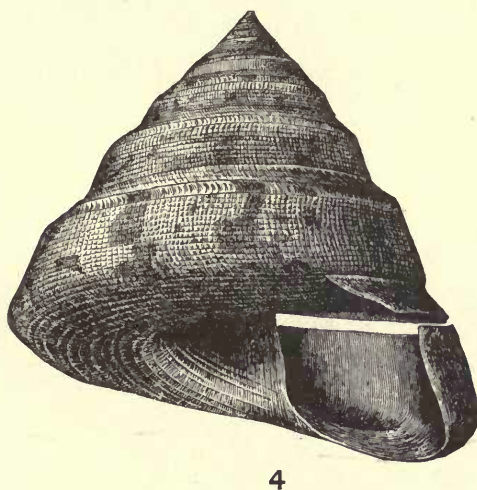
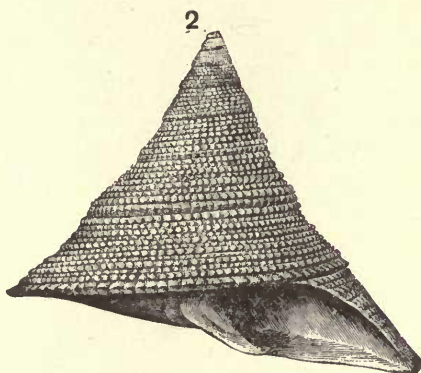


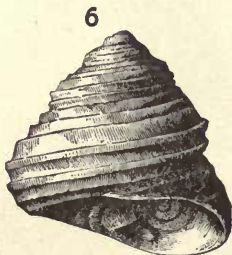
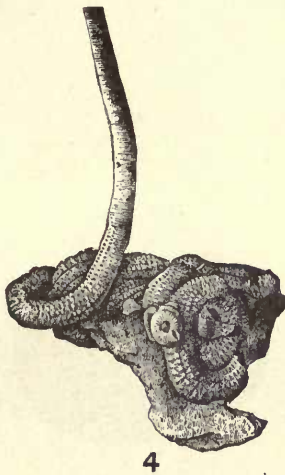


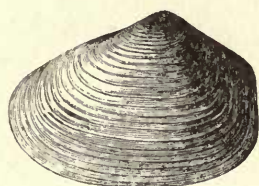




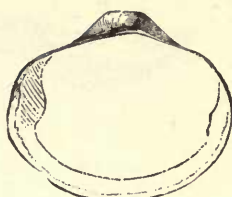








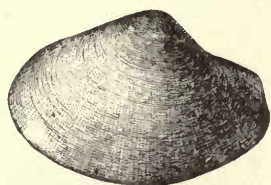
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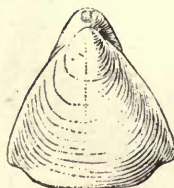
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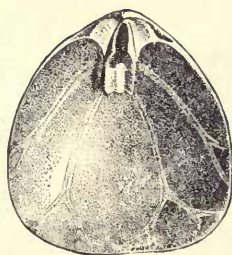
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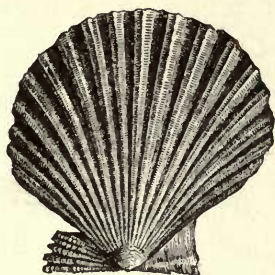
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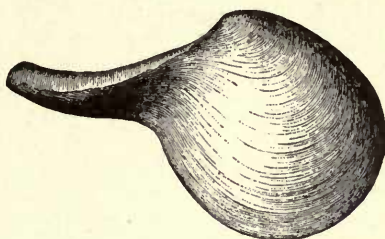
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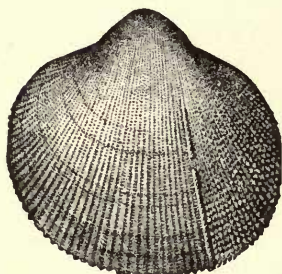
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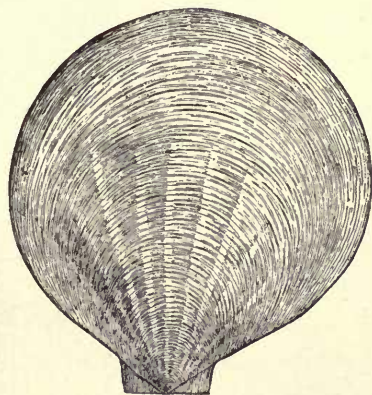
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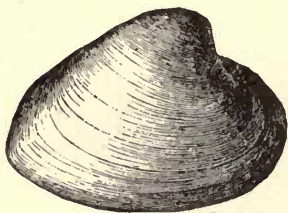
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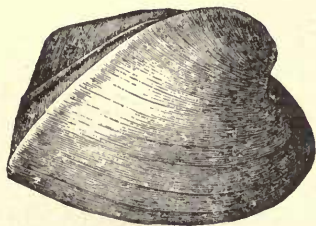
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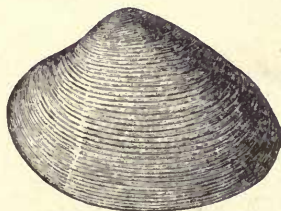
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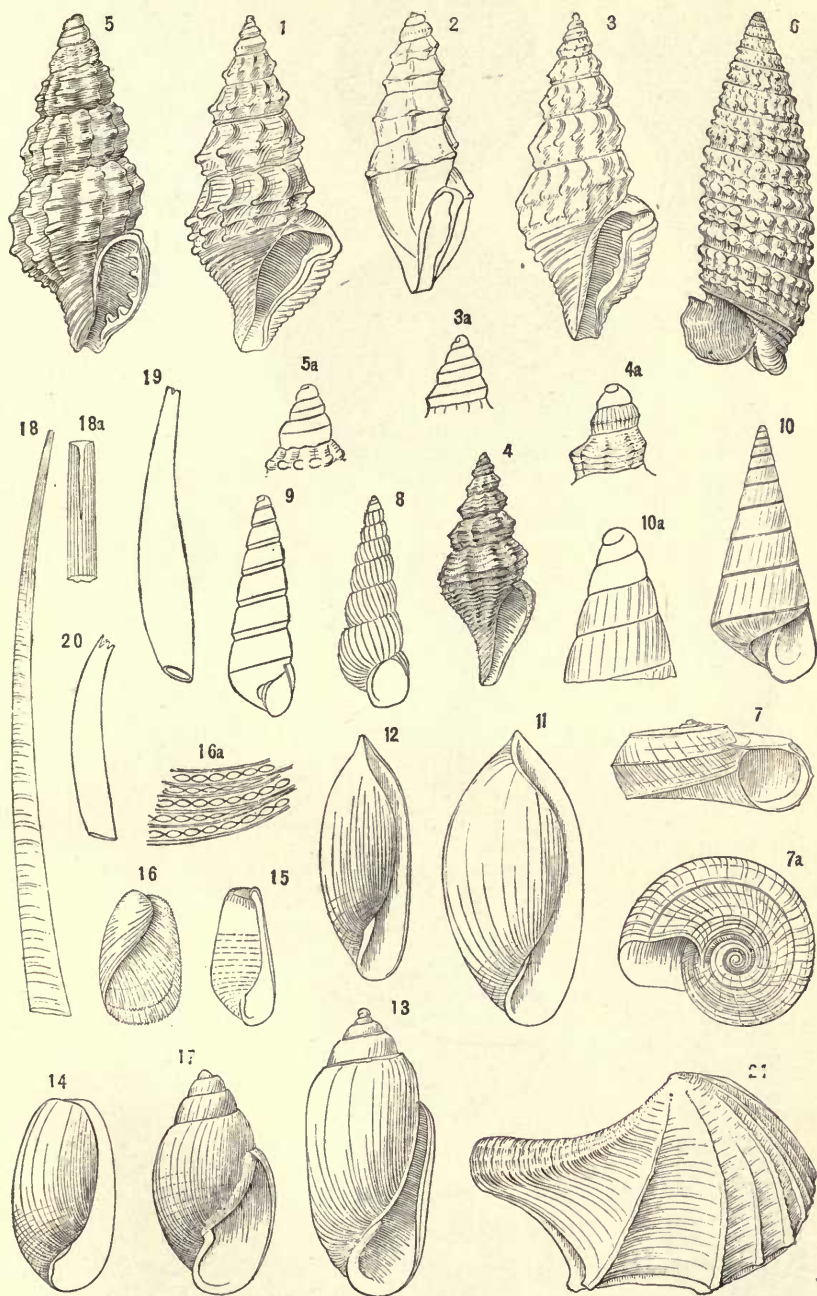
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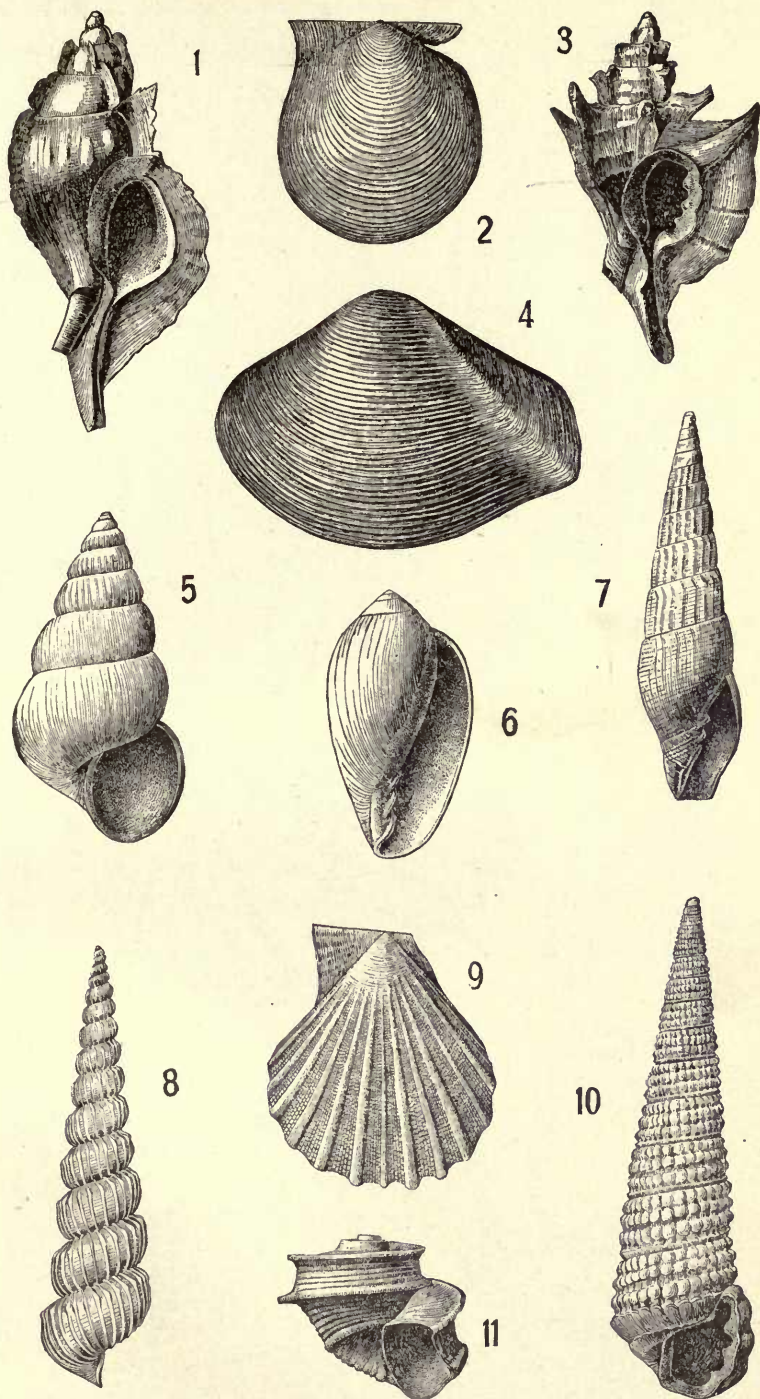


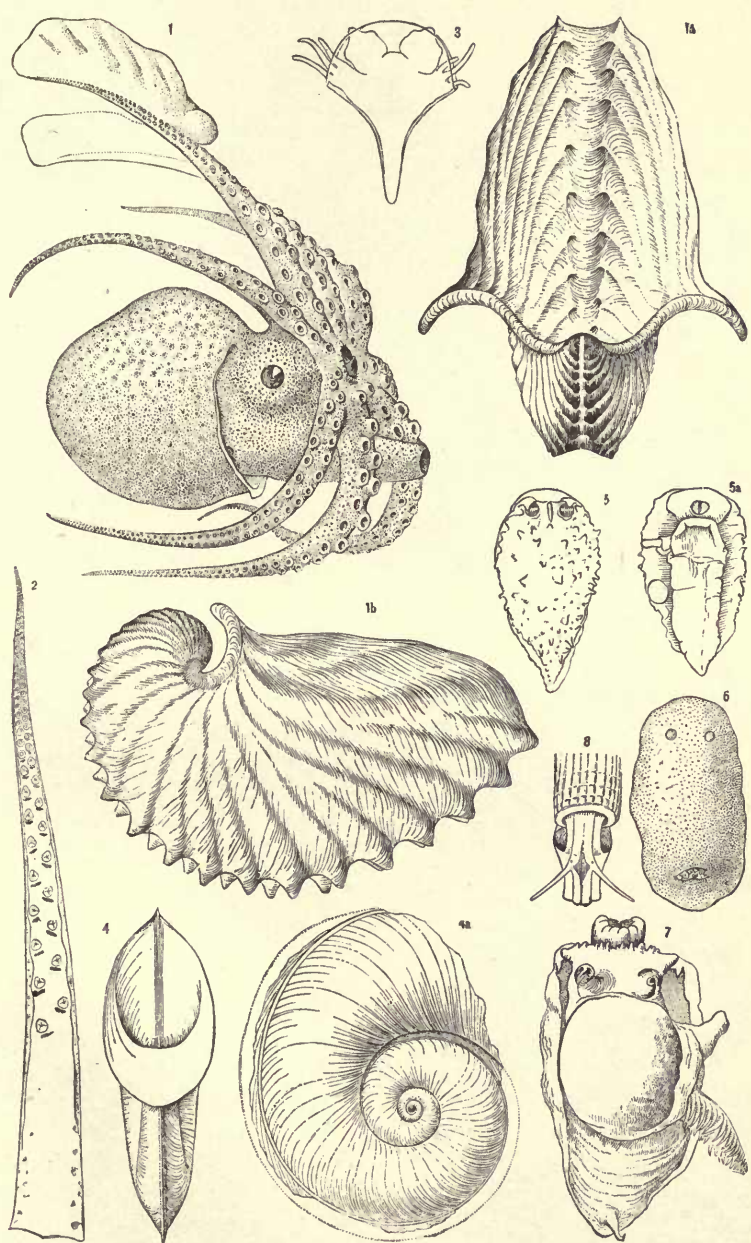
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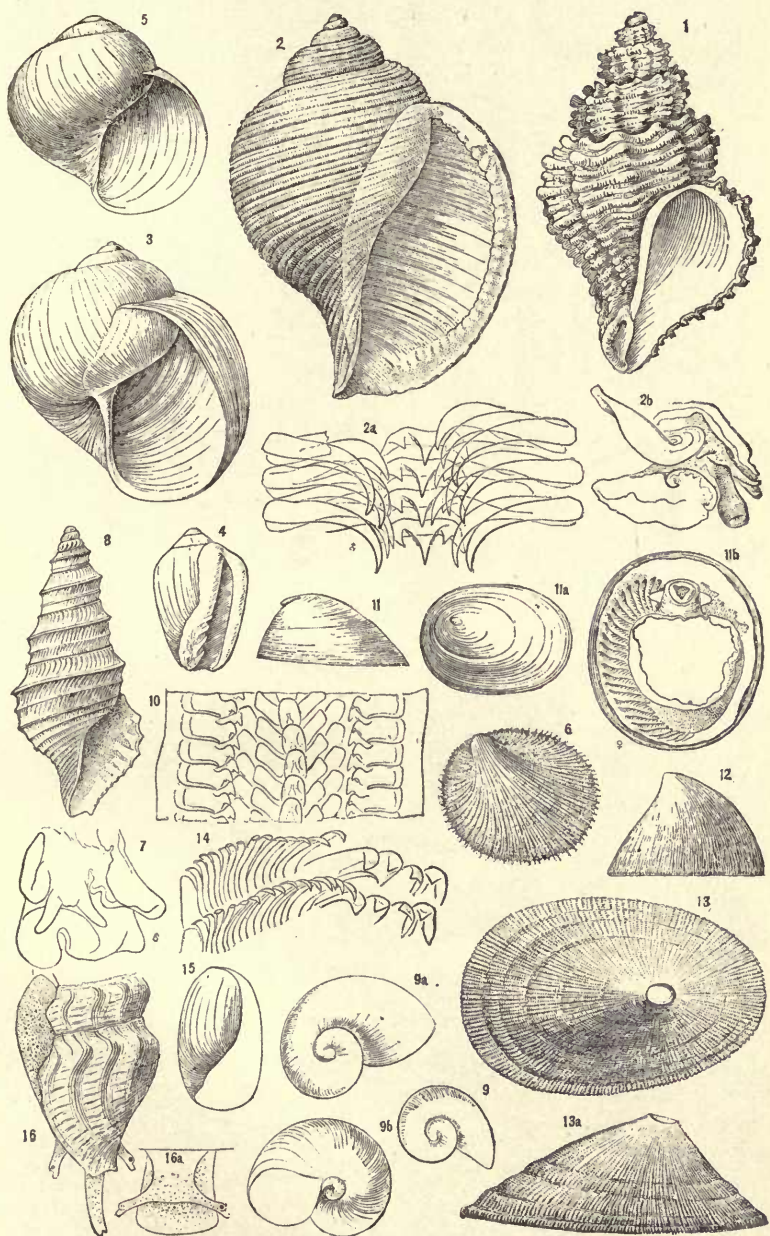


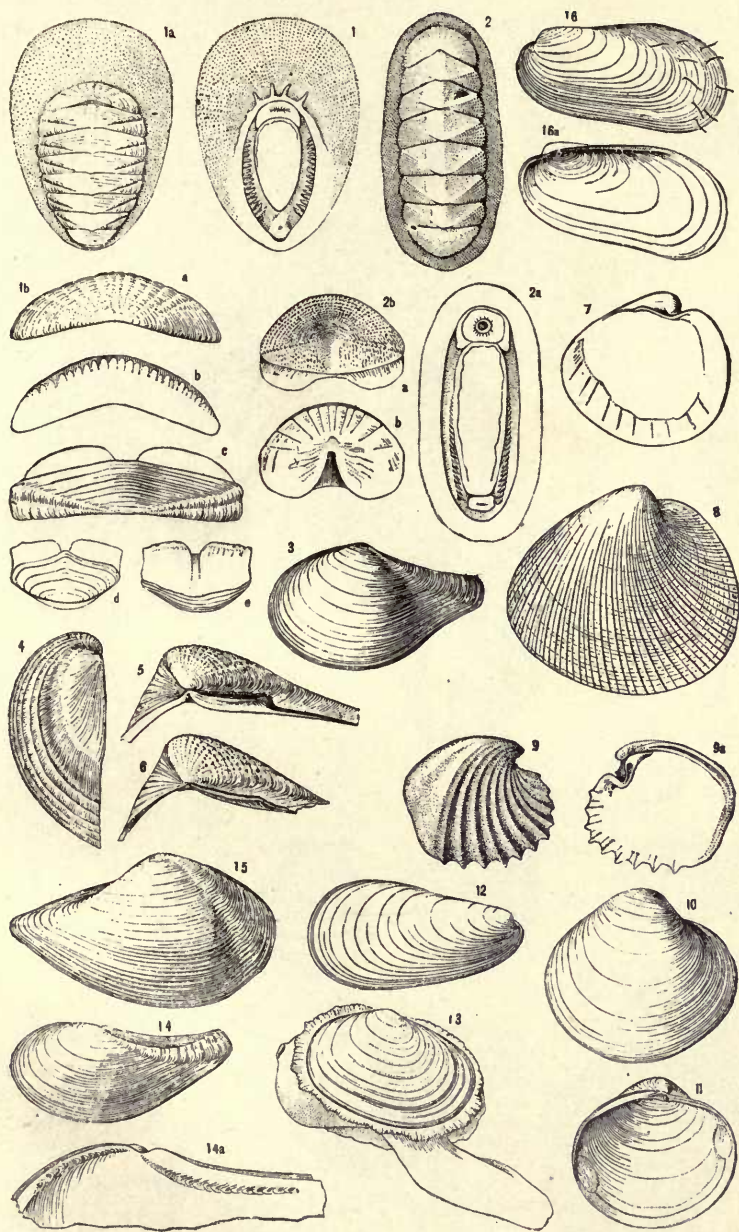
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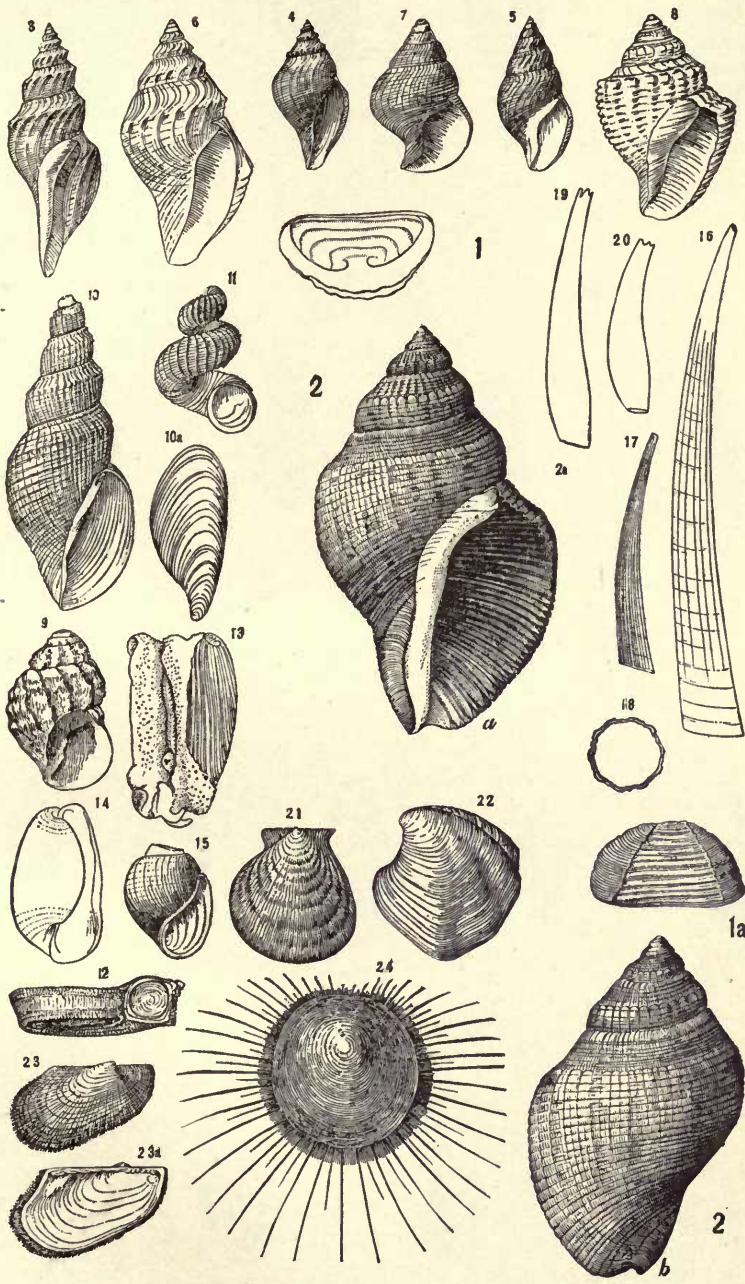


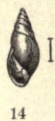
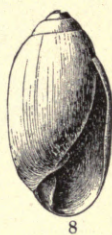


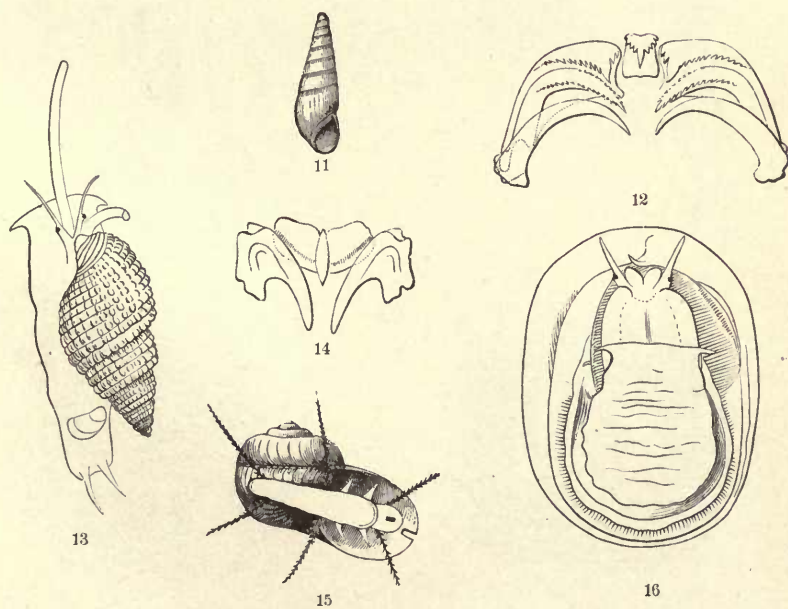
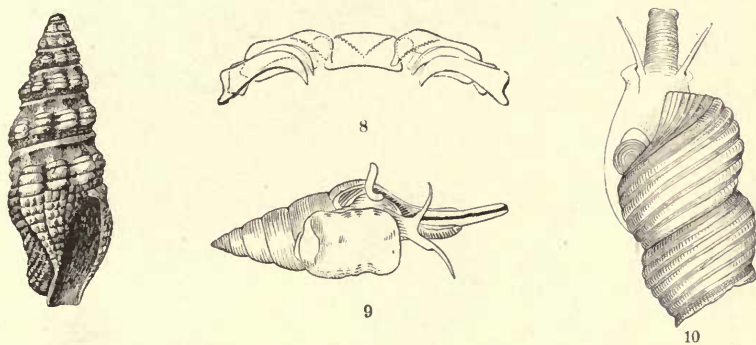
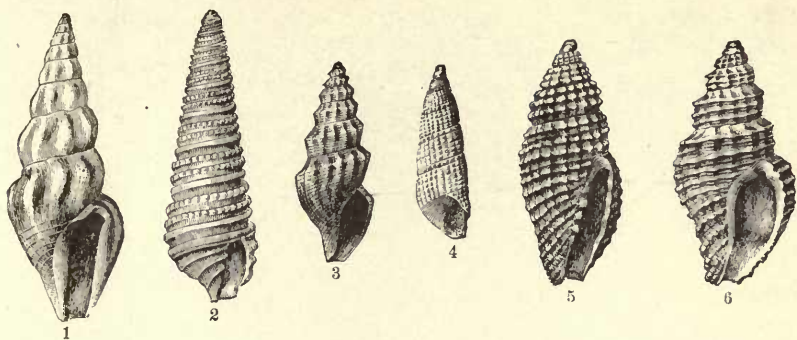


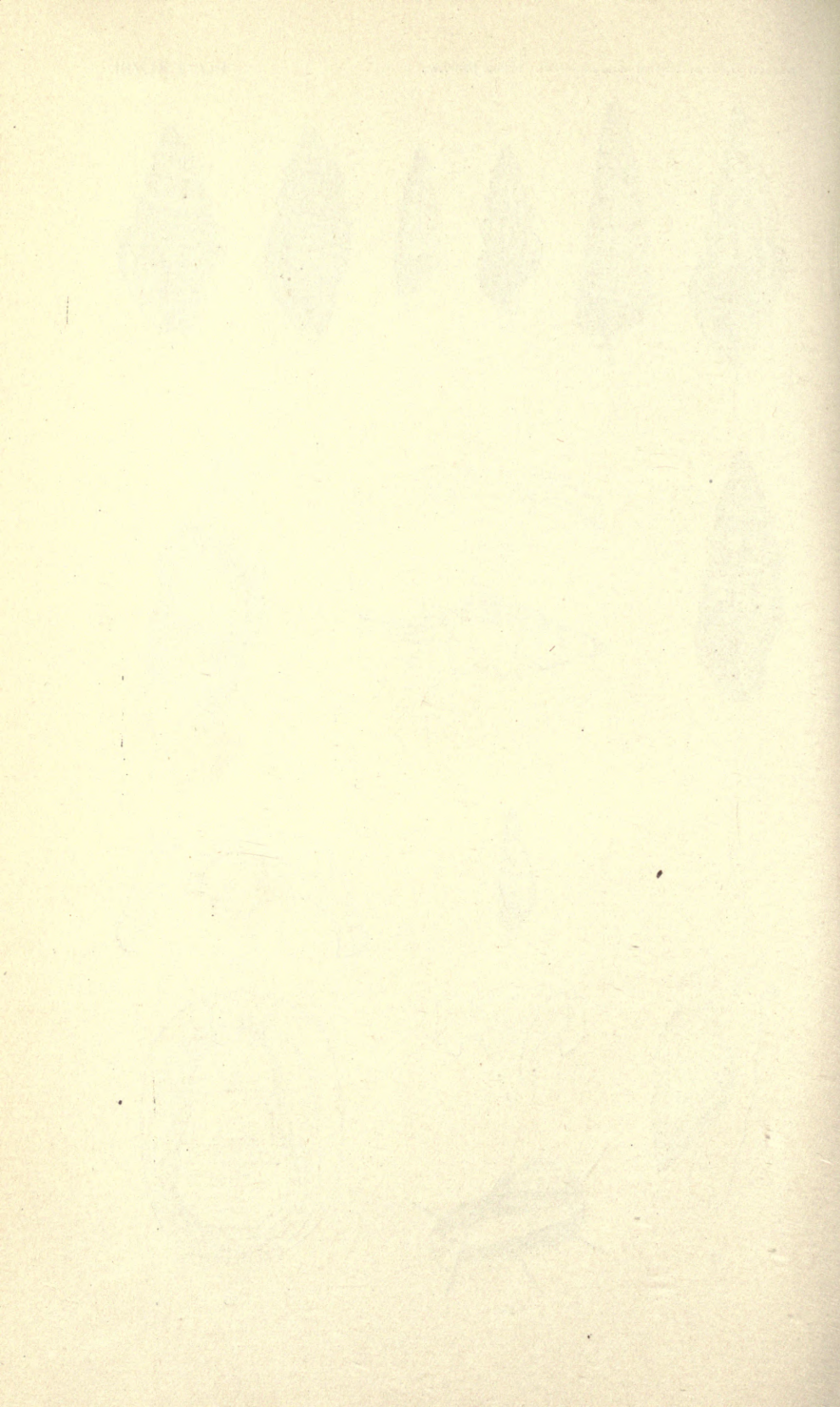


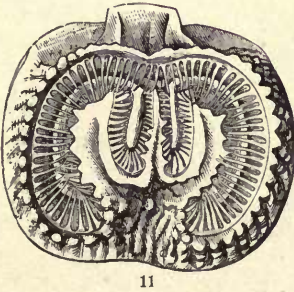
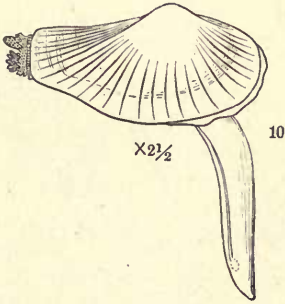
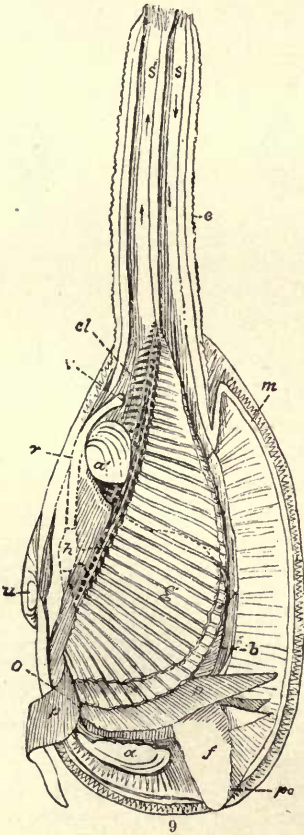
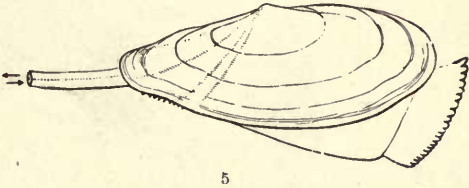
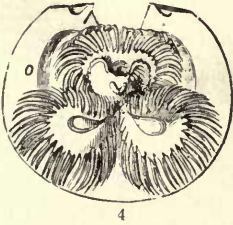
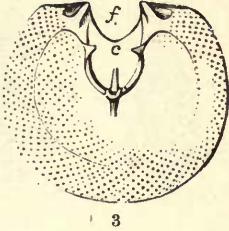
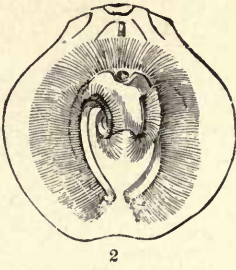
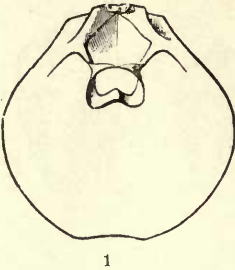














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No. 785

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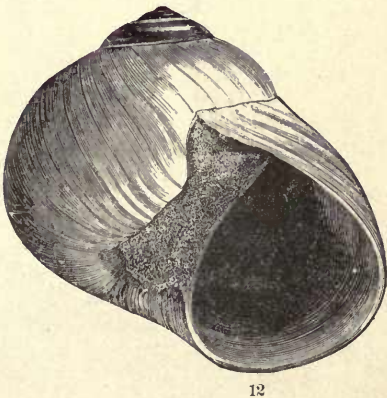
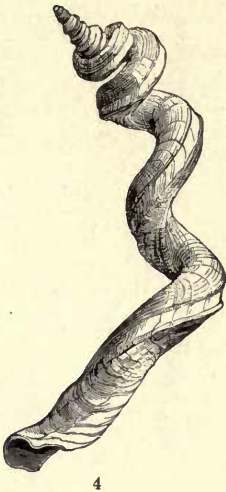
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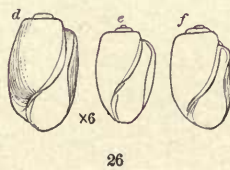
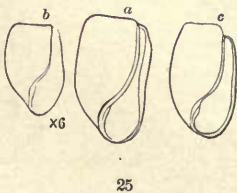
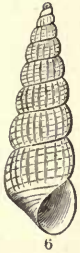


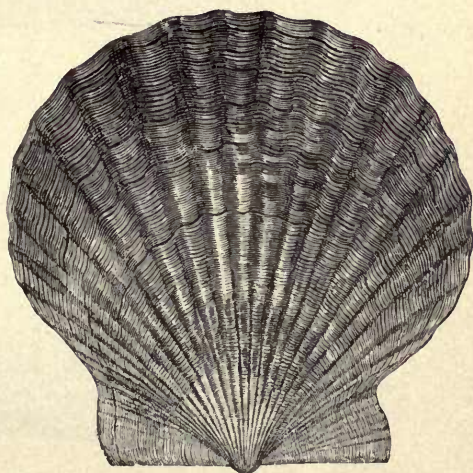
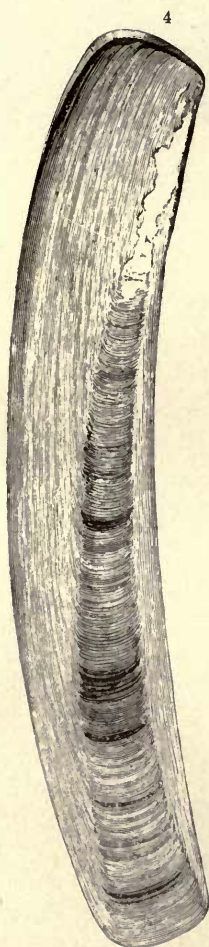
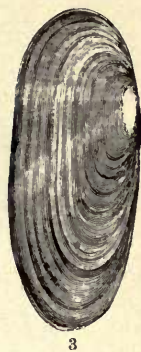
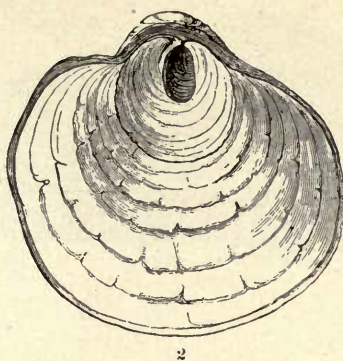
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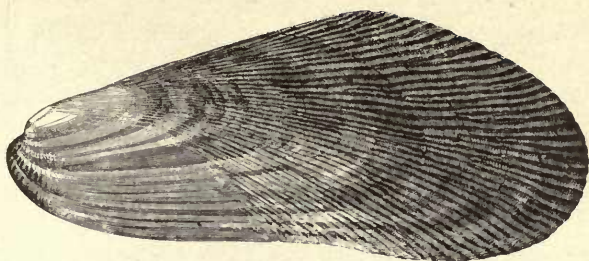


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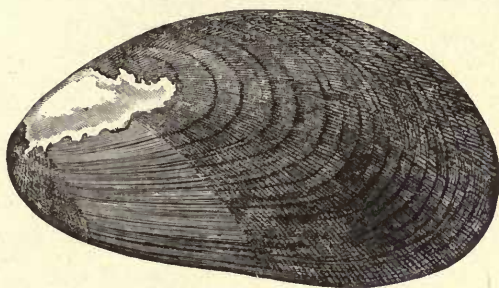








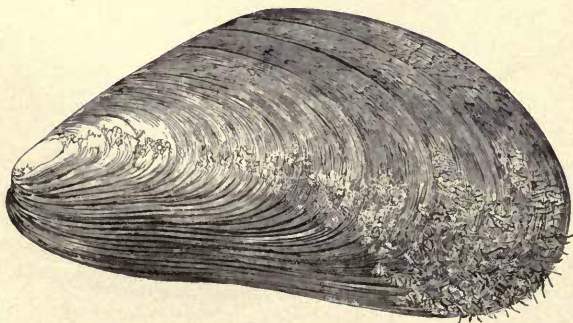
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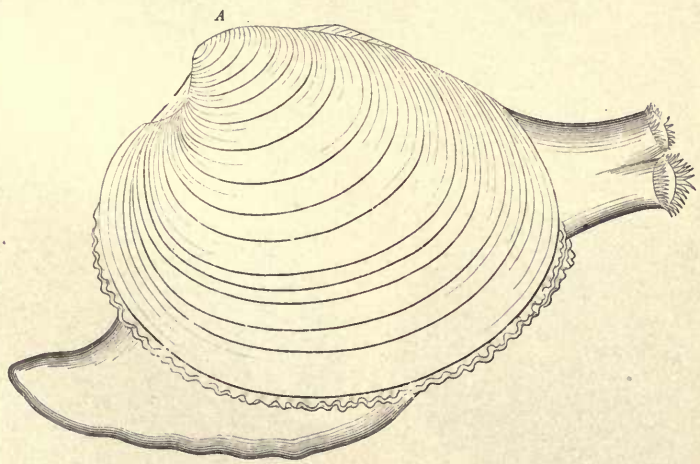
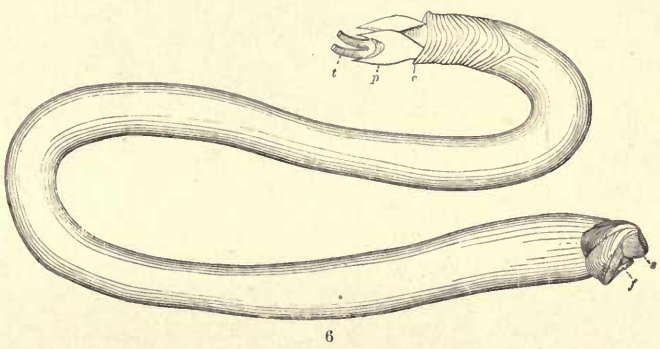
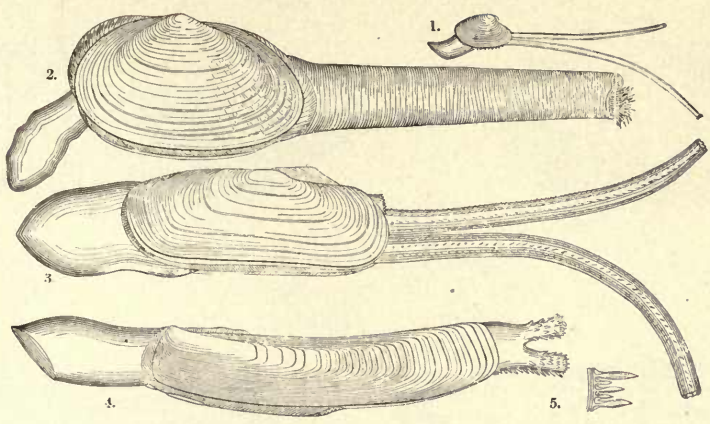
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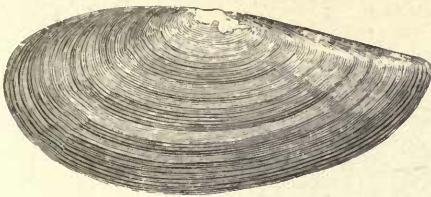


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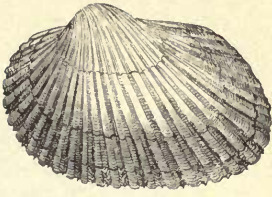


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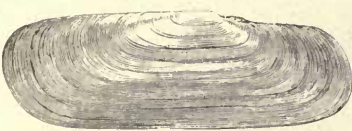




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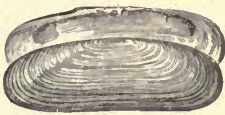
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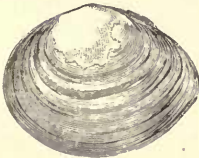
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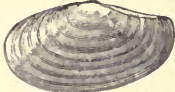
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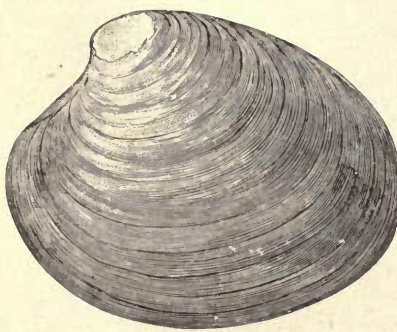
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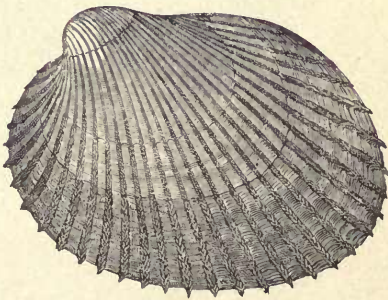
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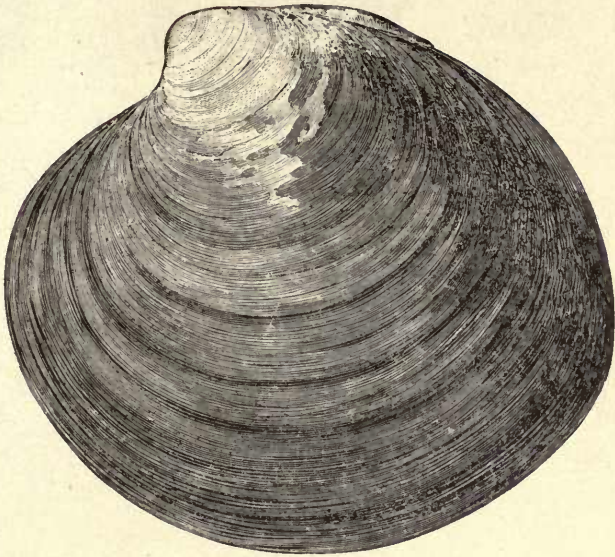
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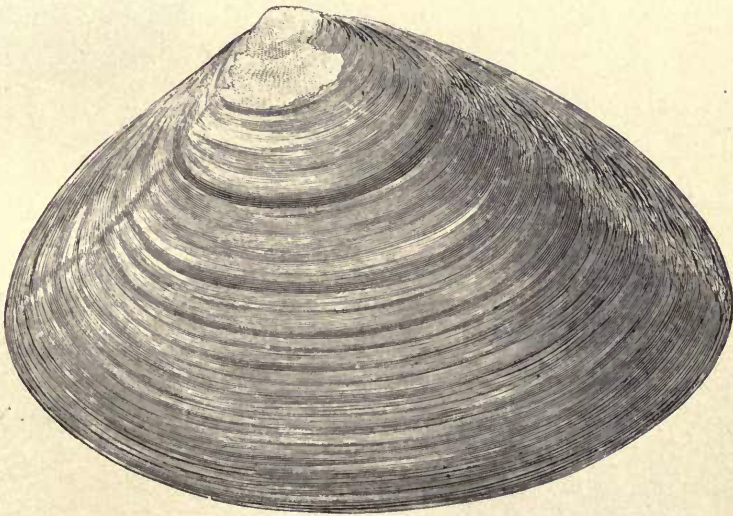
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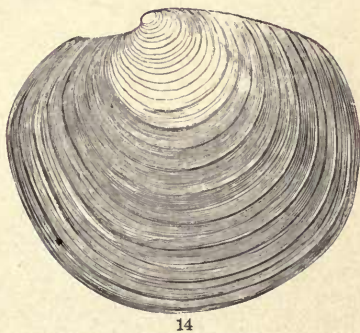
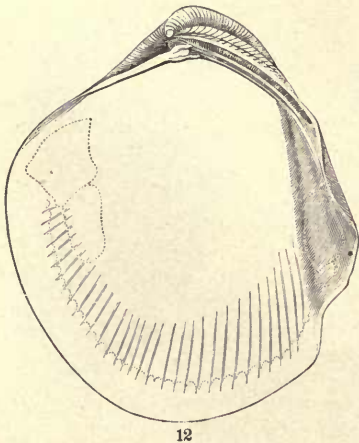
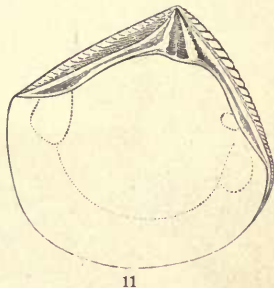
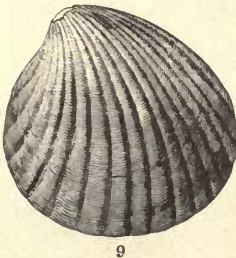
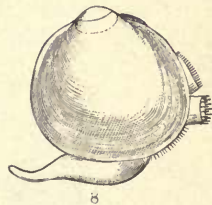
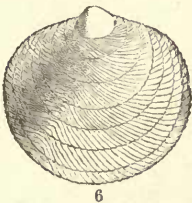
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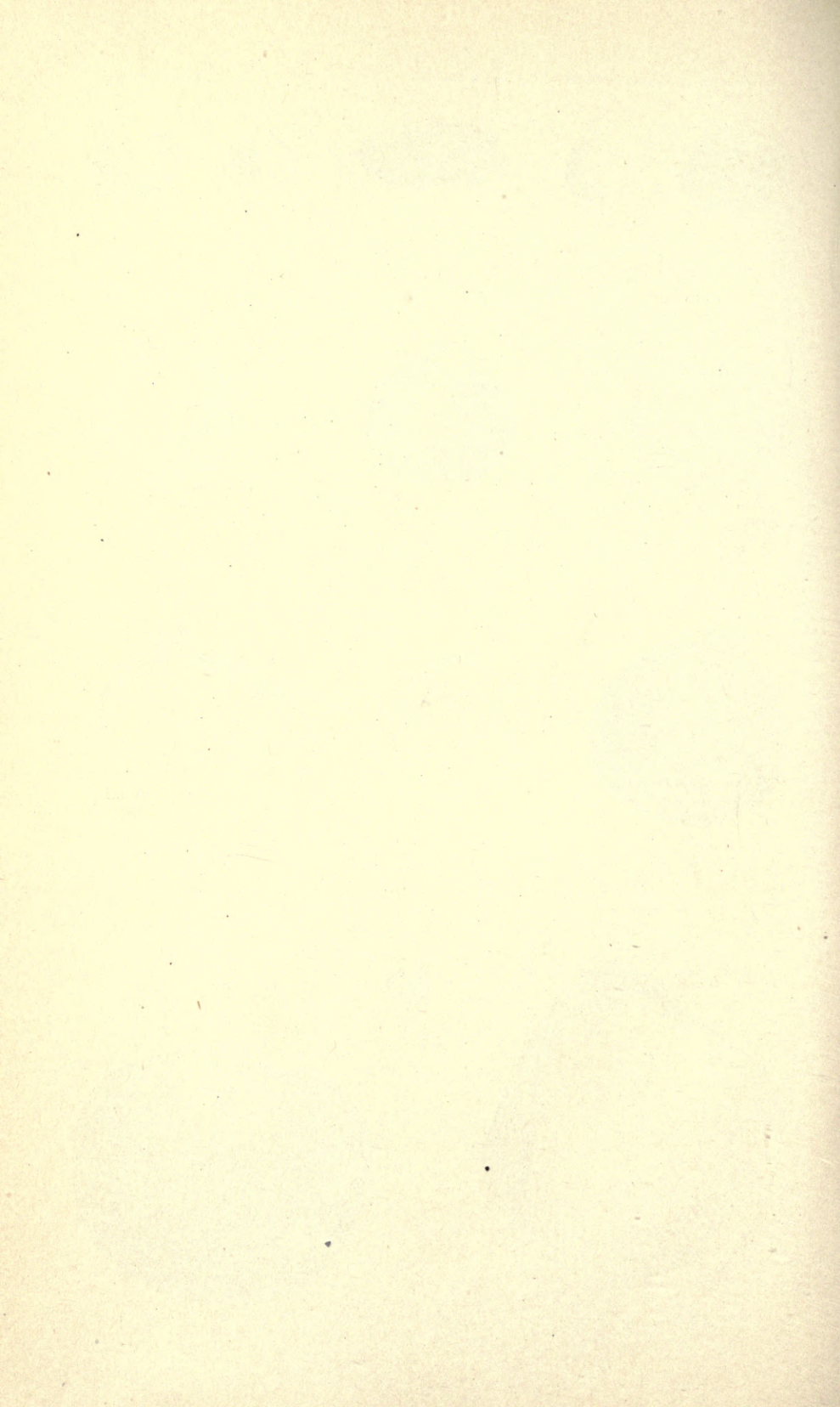


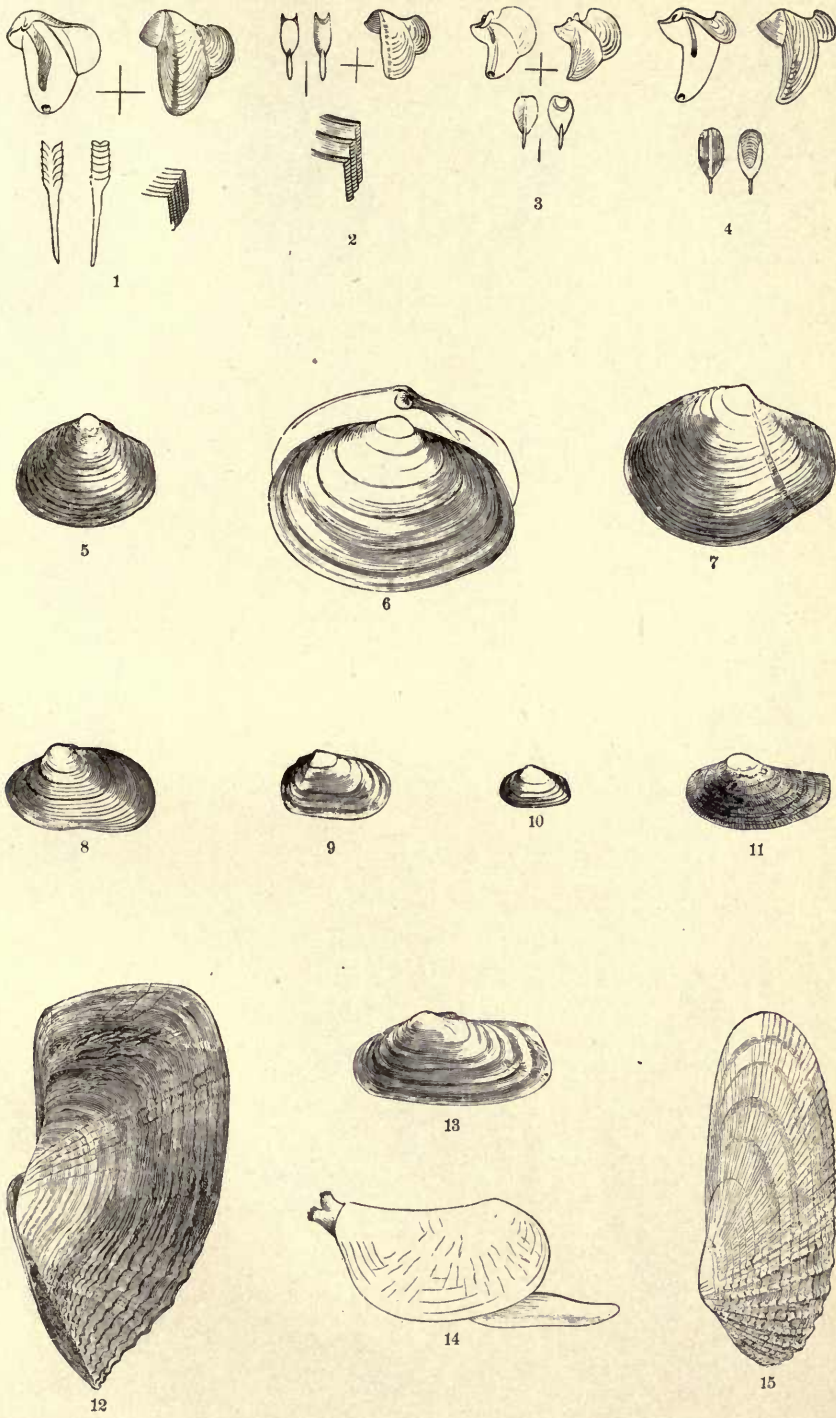
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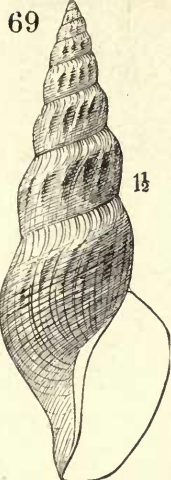


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66a



66

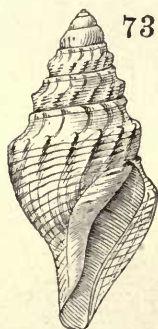


71a

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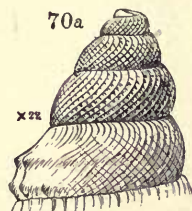


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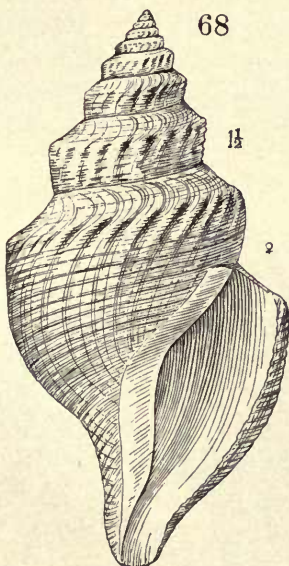


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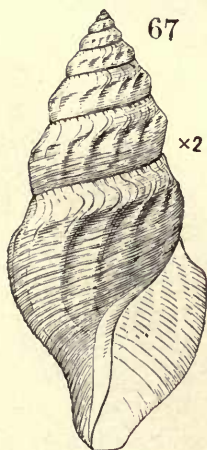


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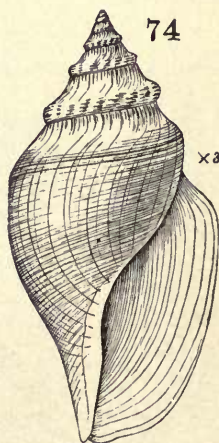
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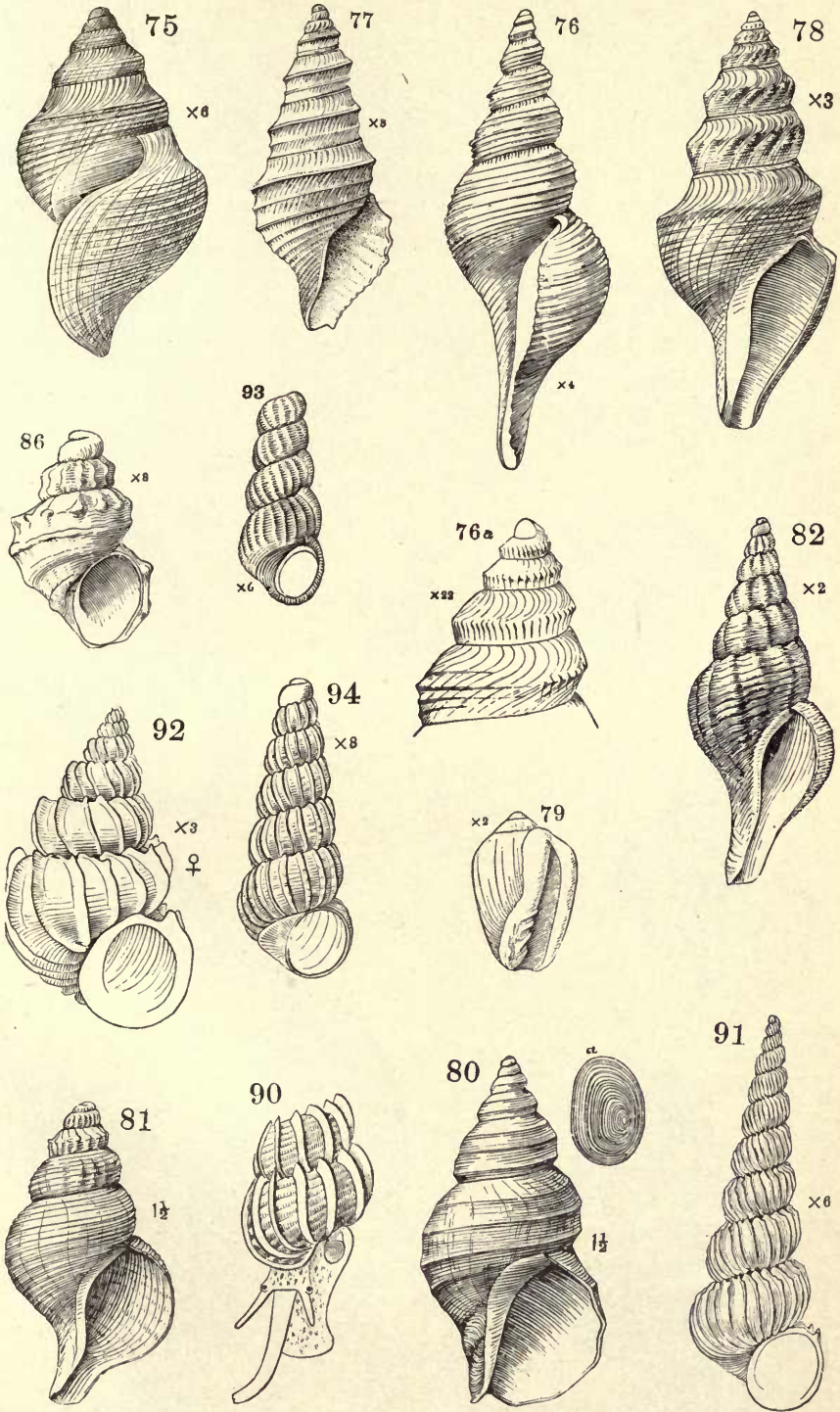
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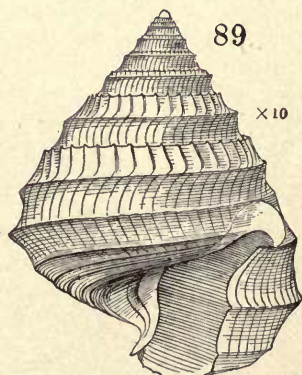
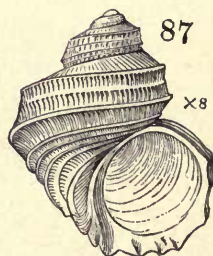
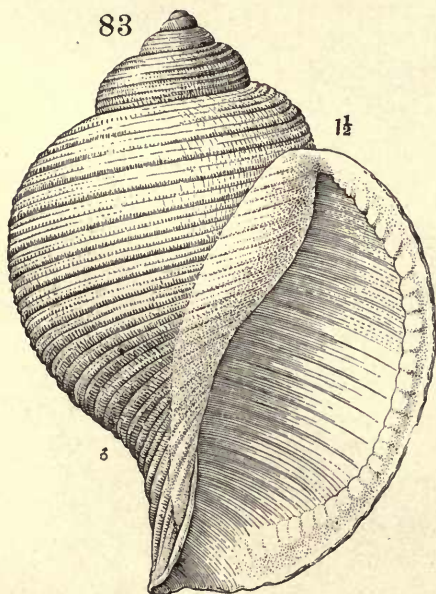
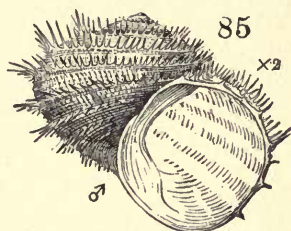
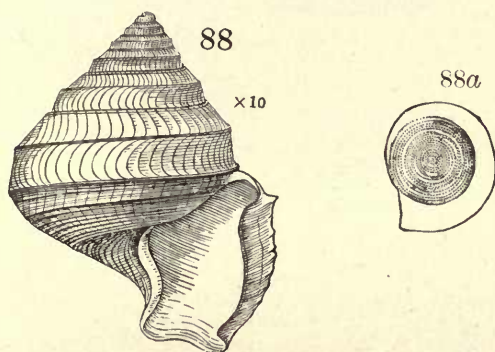
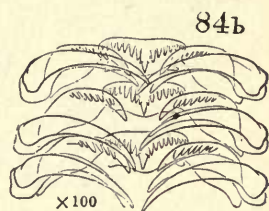
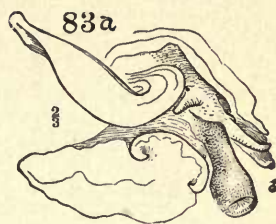
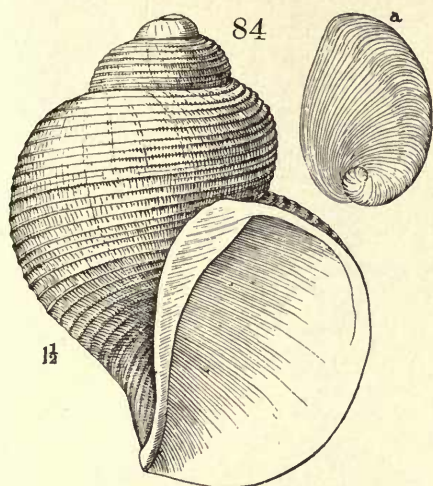


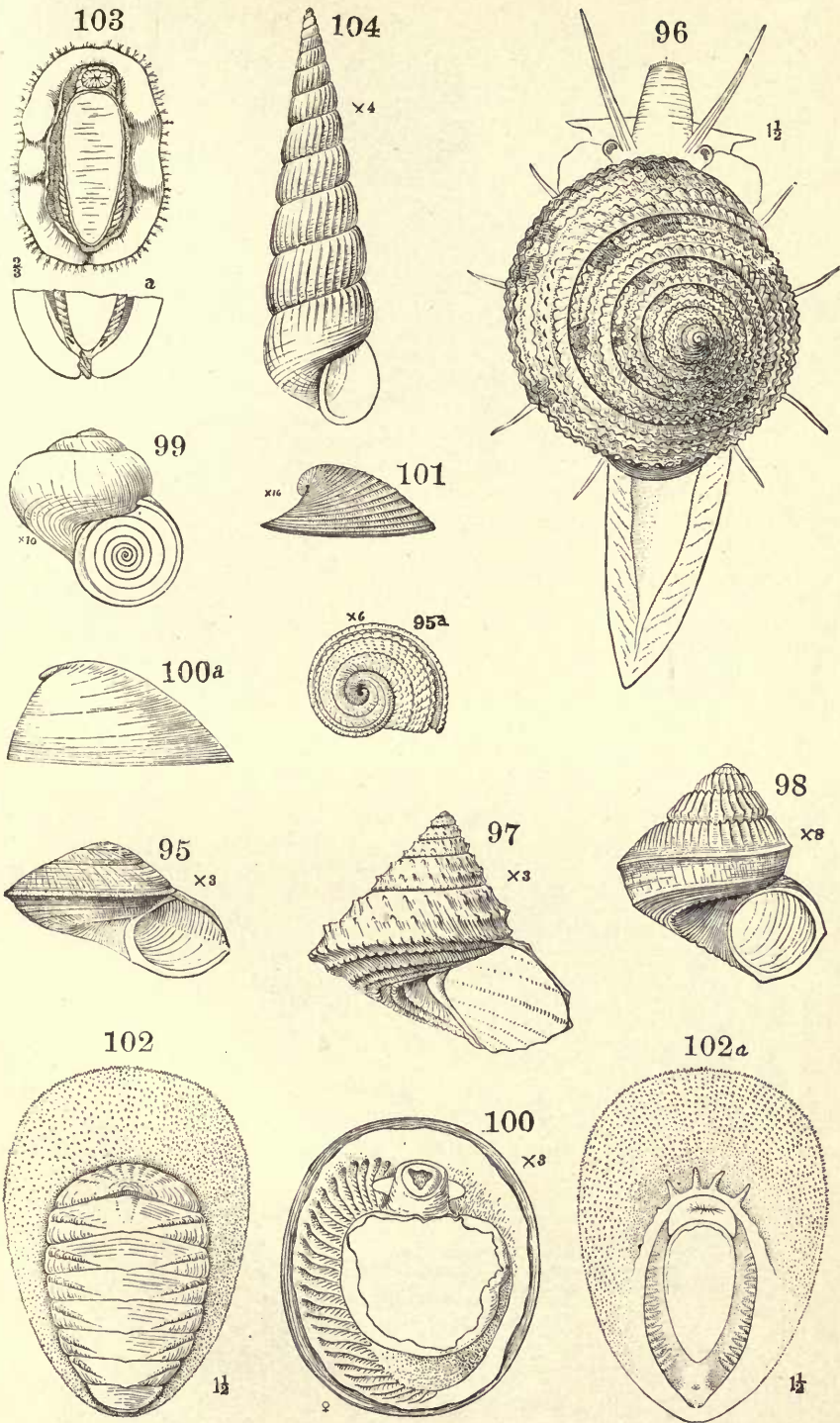
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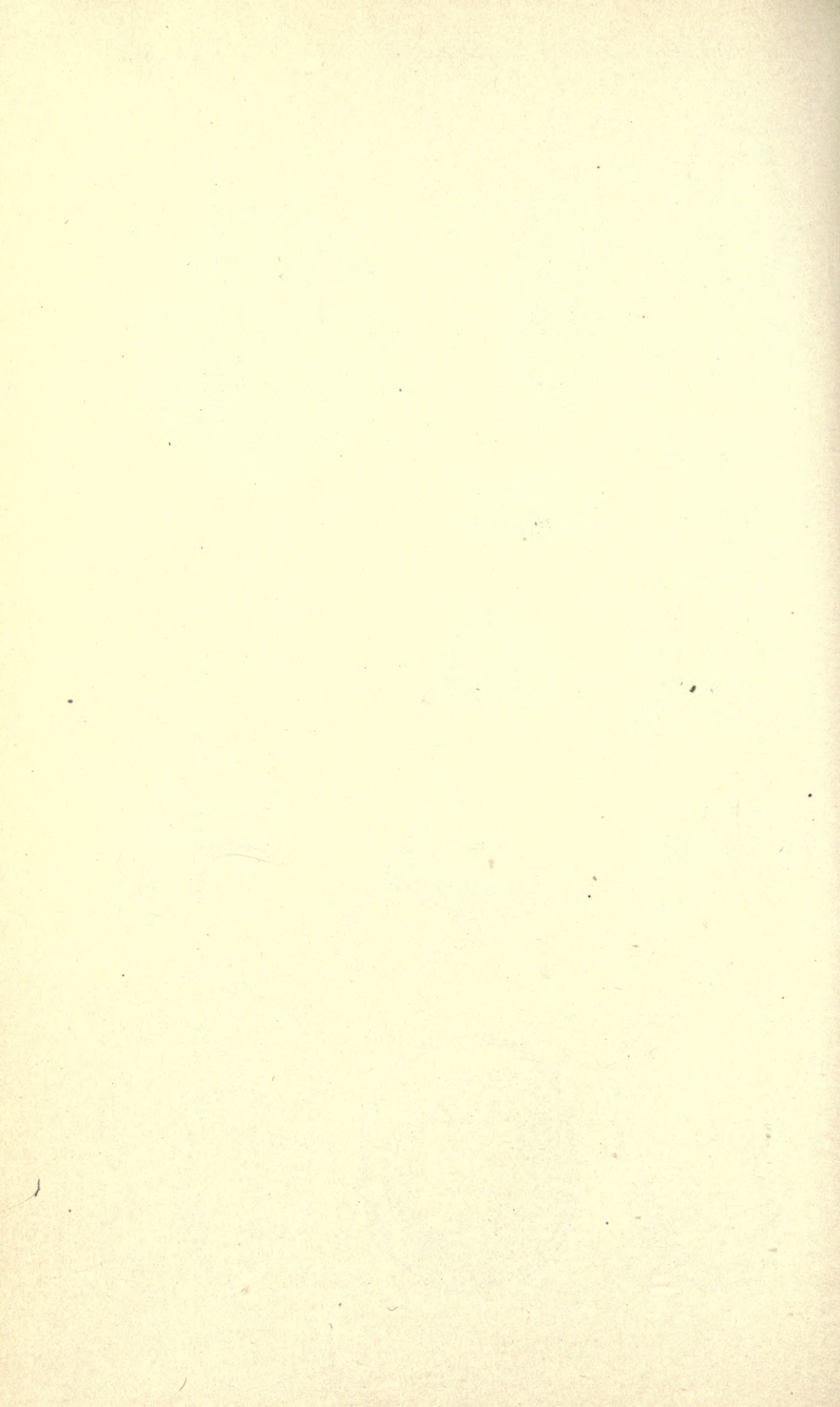
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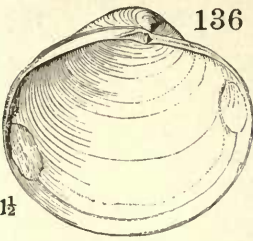








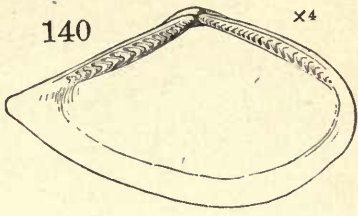




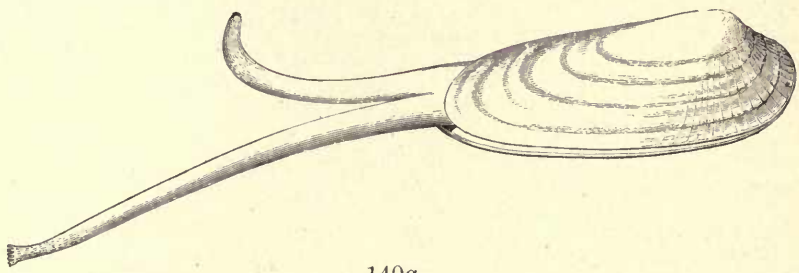
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136a



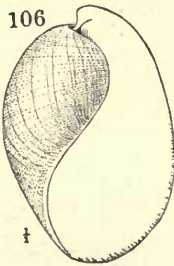
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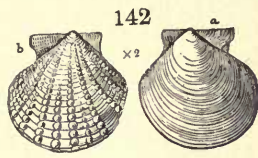
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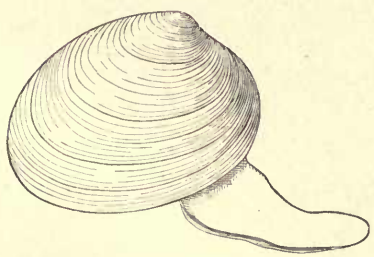
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106



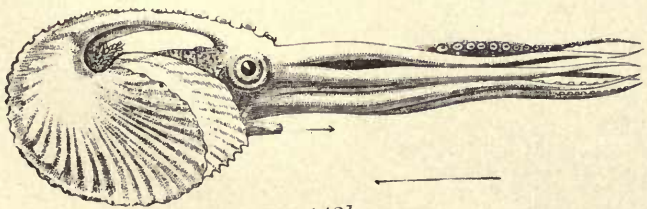
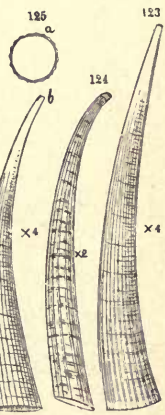
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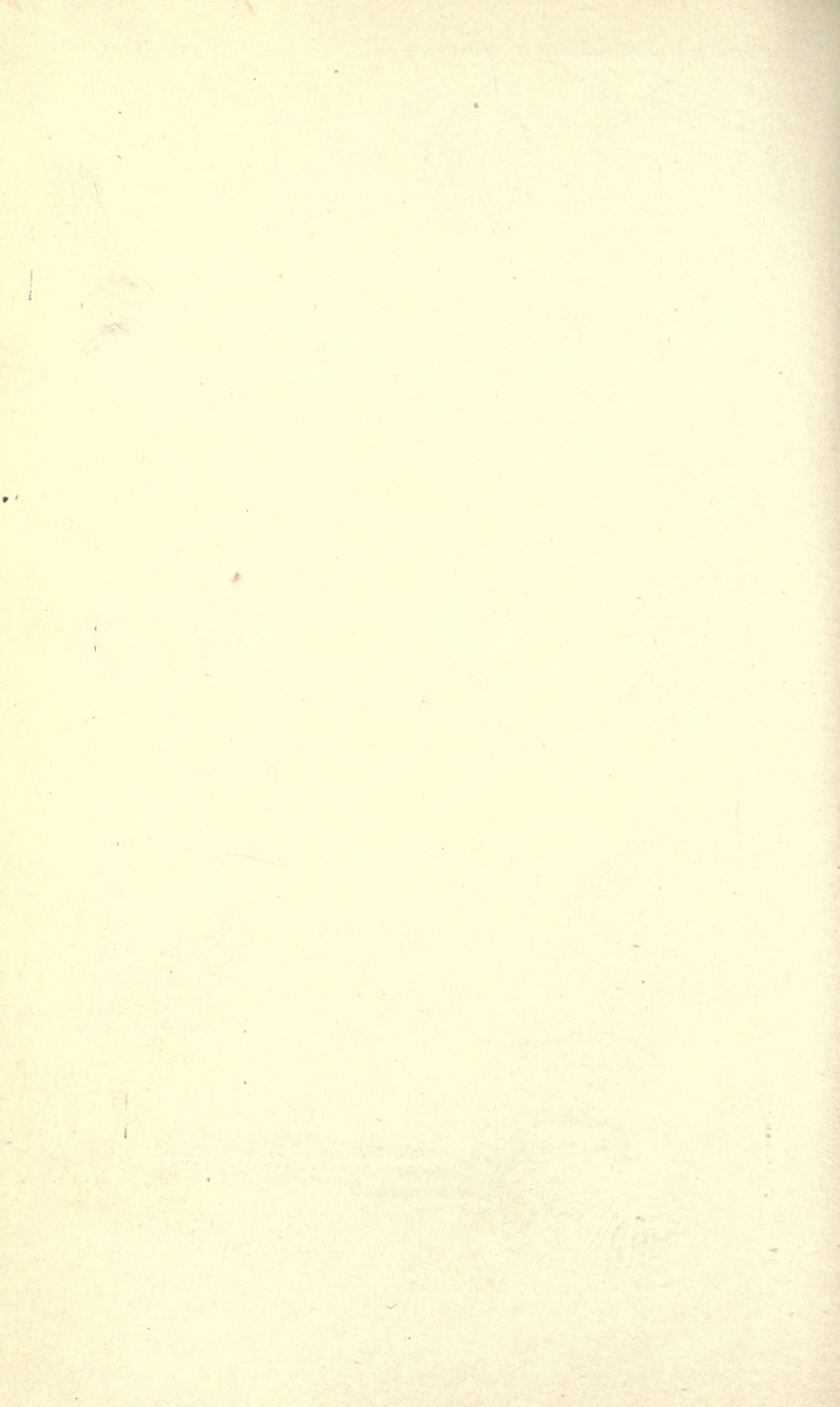
142a

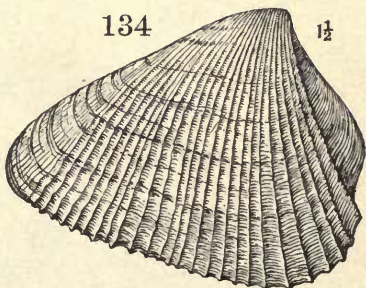
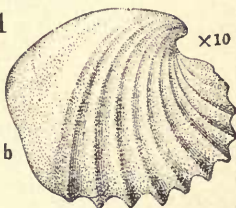
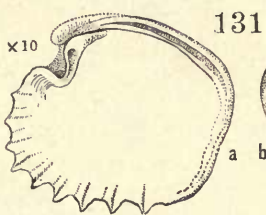
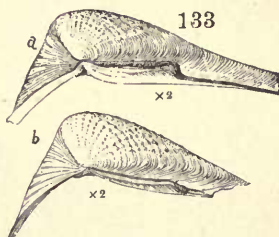
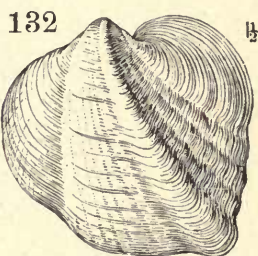
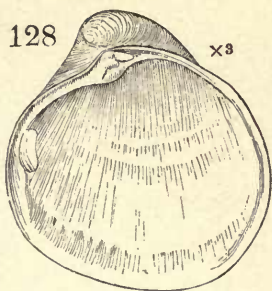
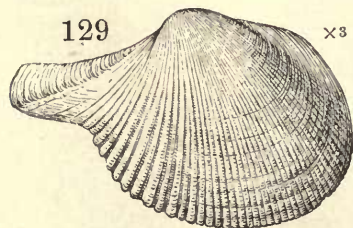
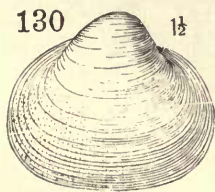
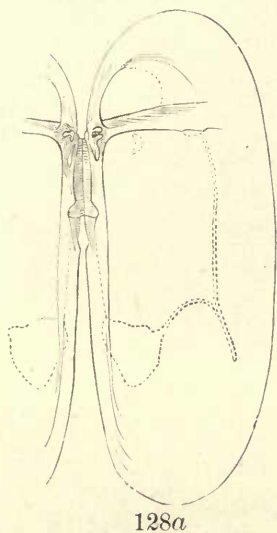
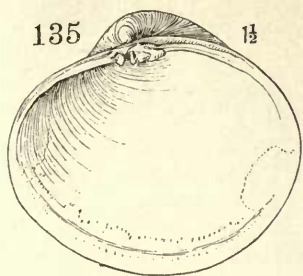


126



142b

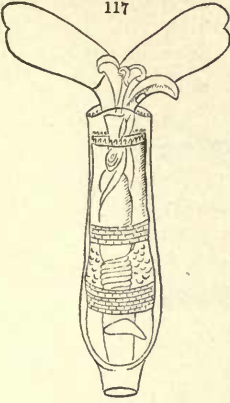




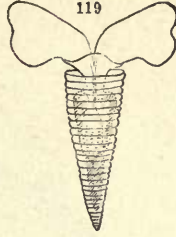
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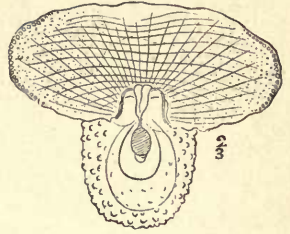
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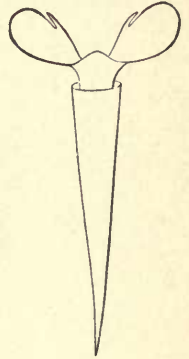
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120



112



115



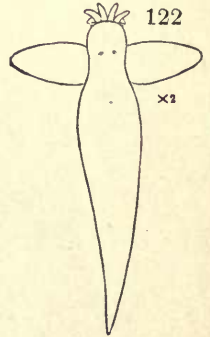
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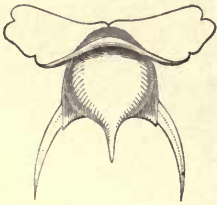
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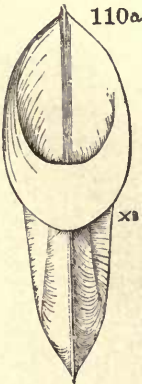
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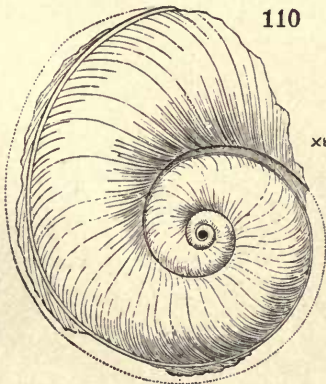
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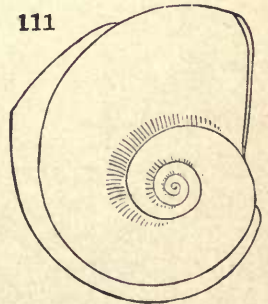
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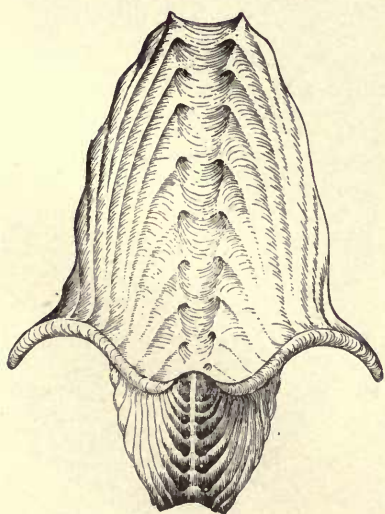
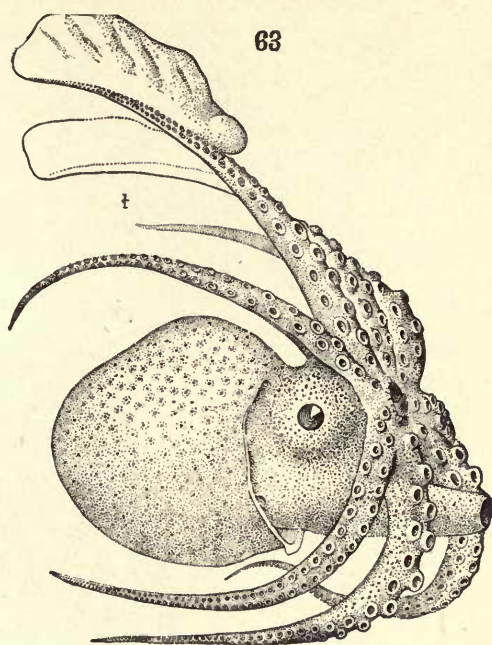


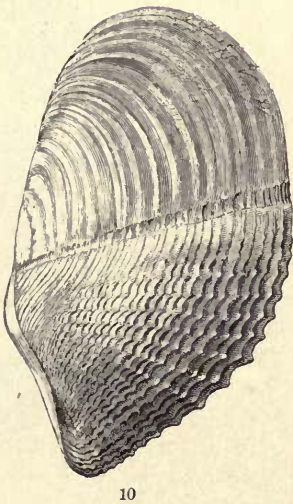
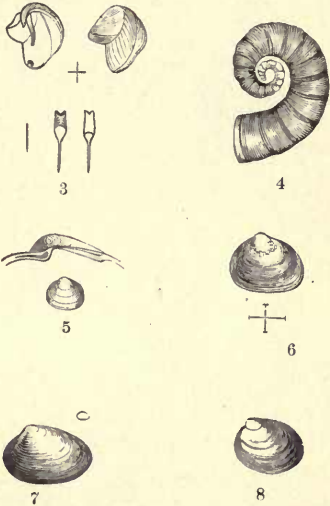
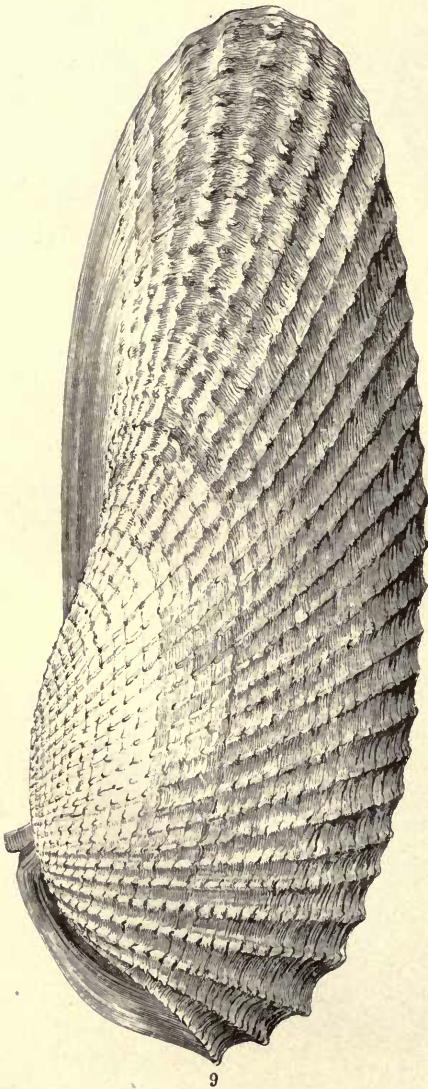
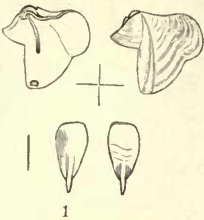
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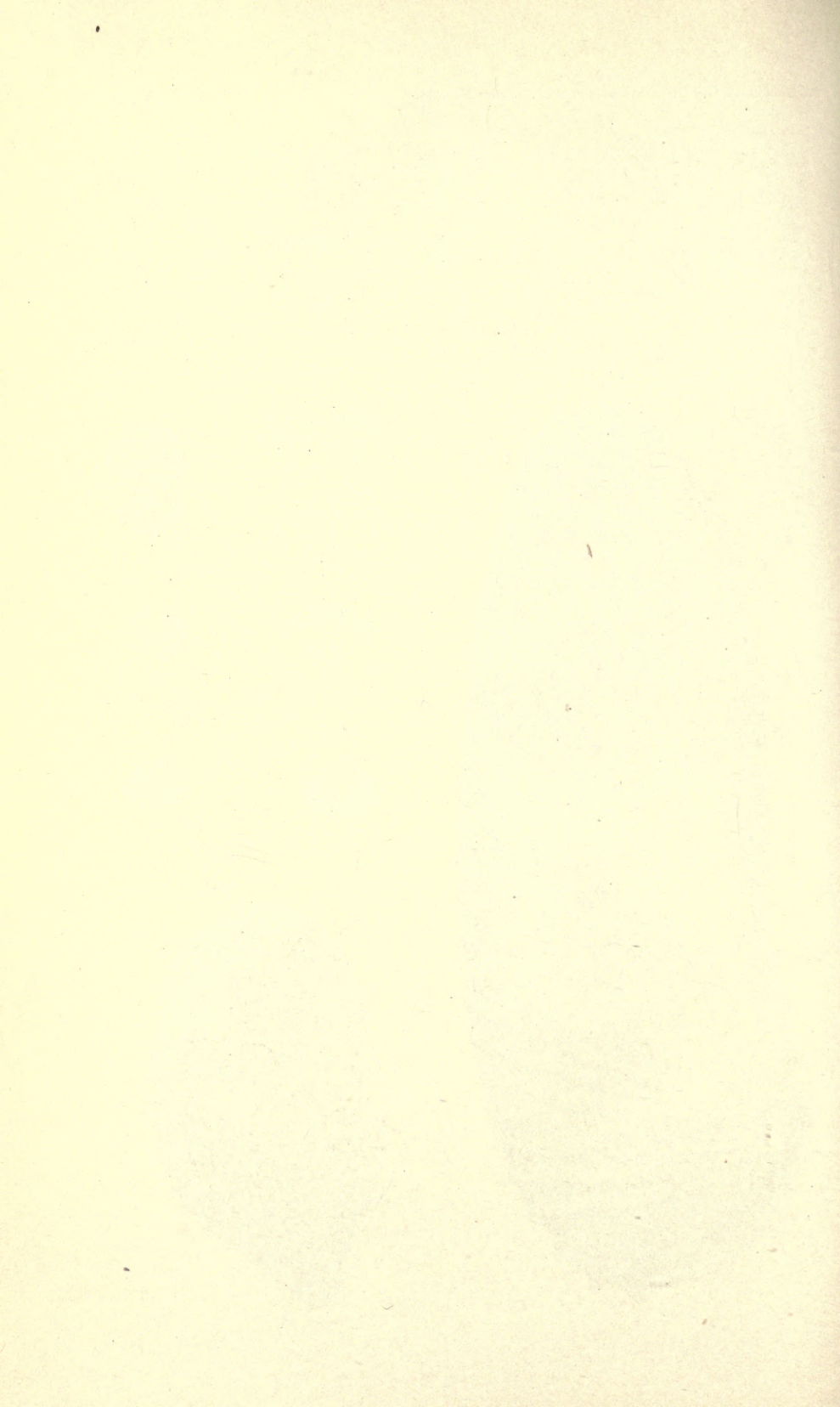


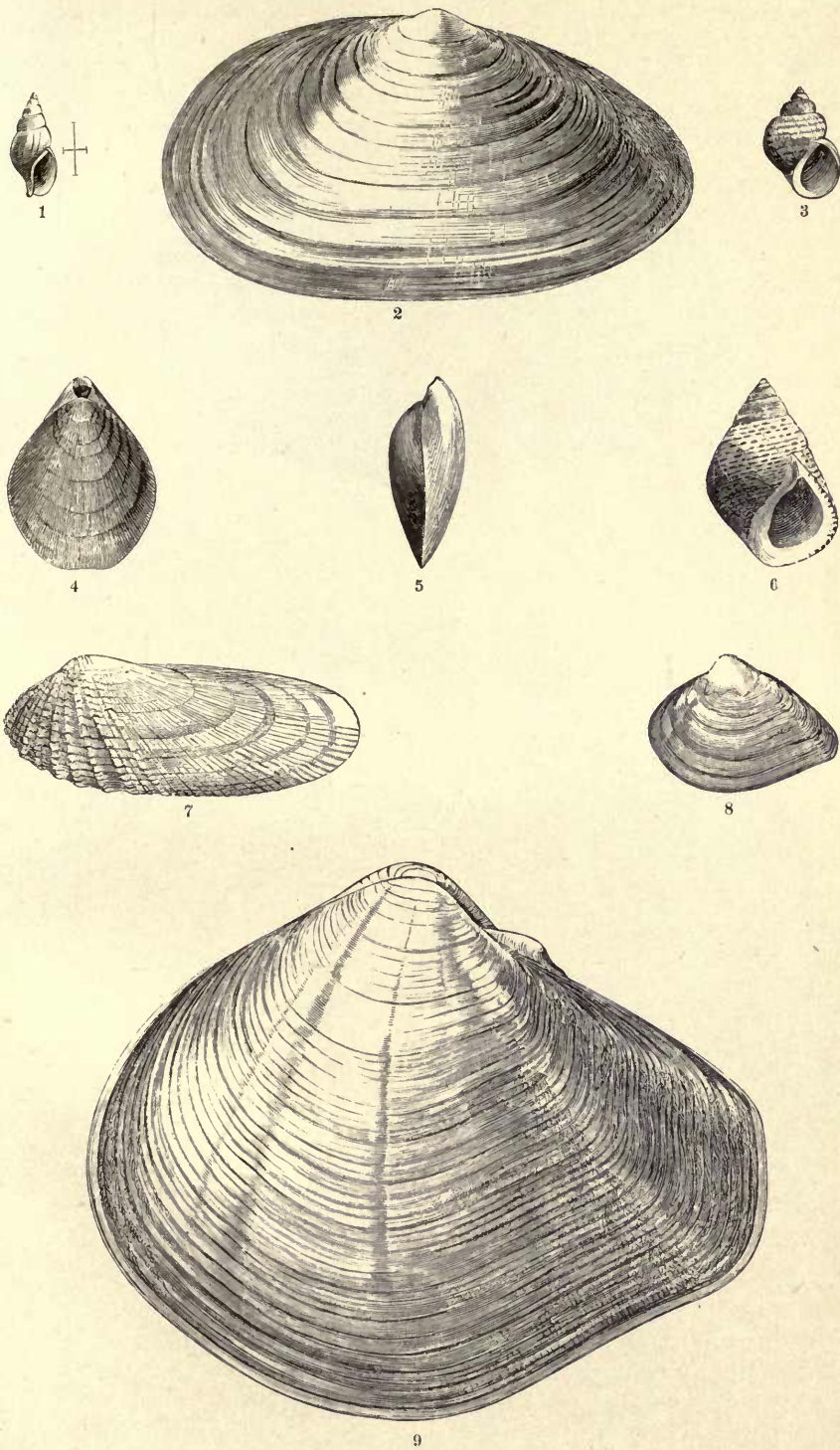
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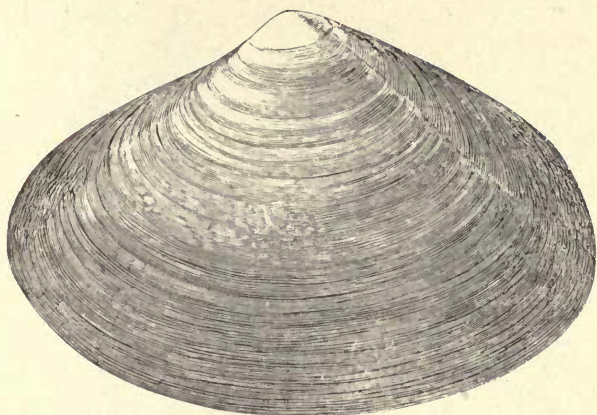




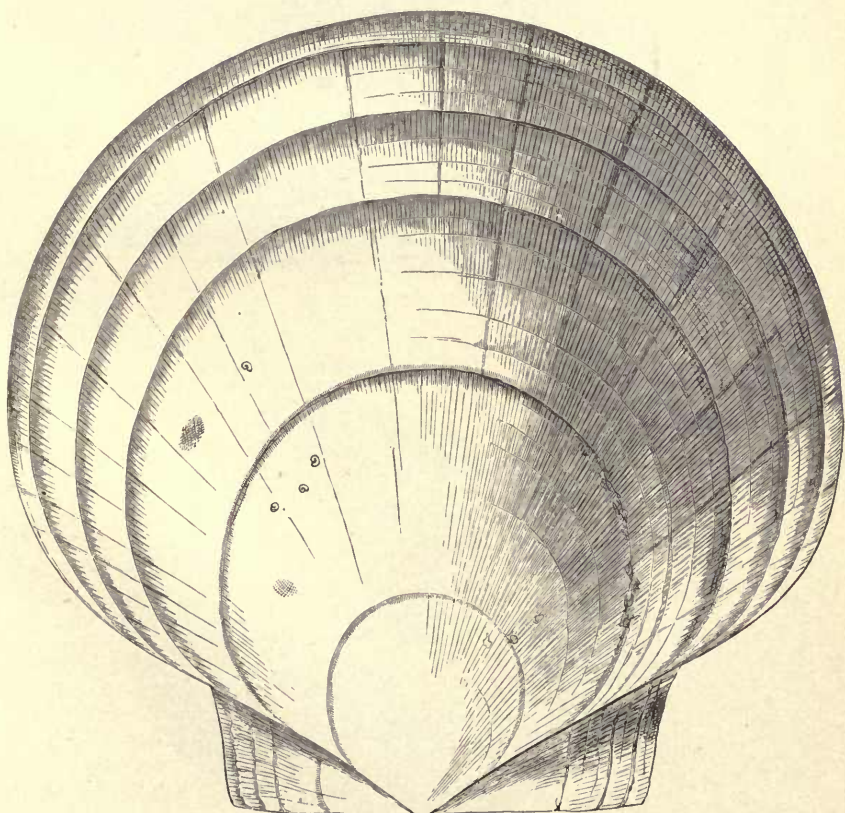




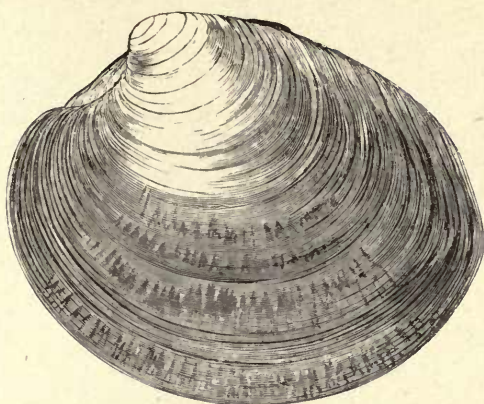




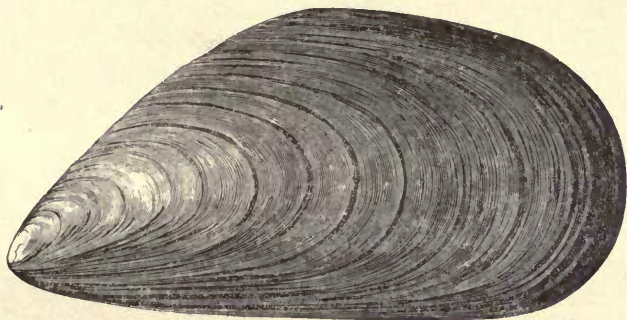
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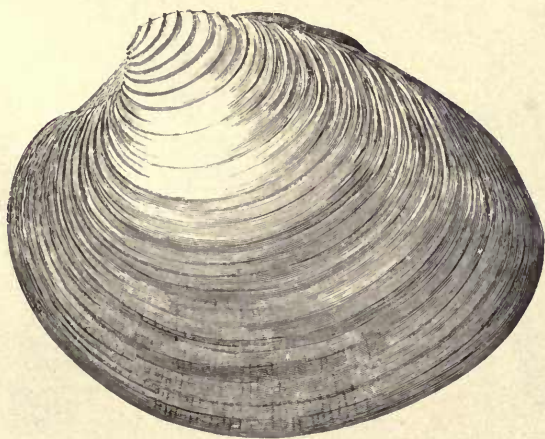
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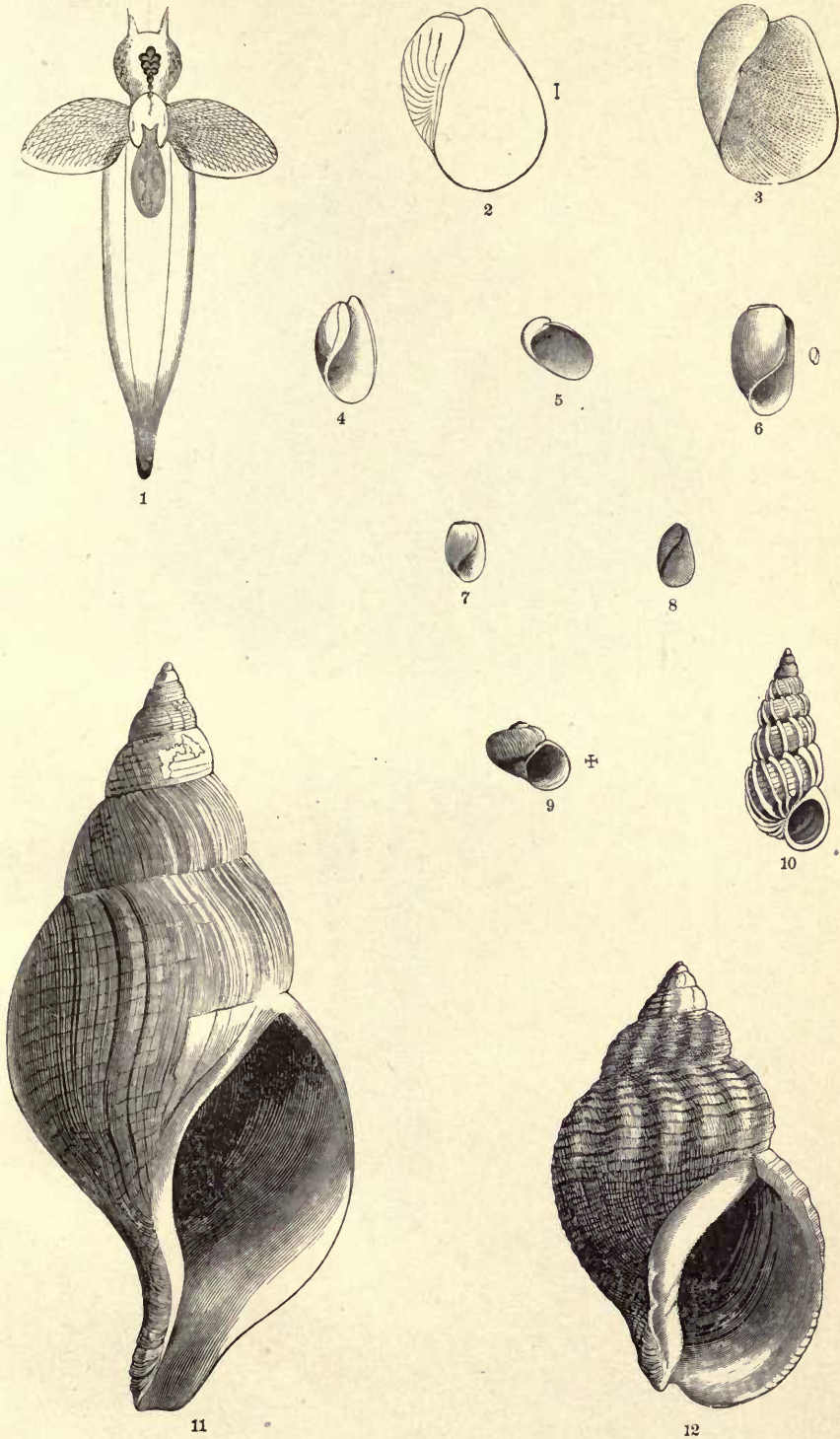
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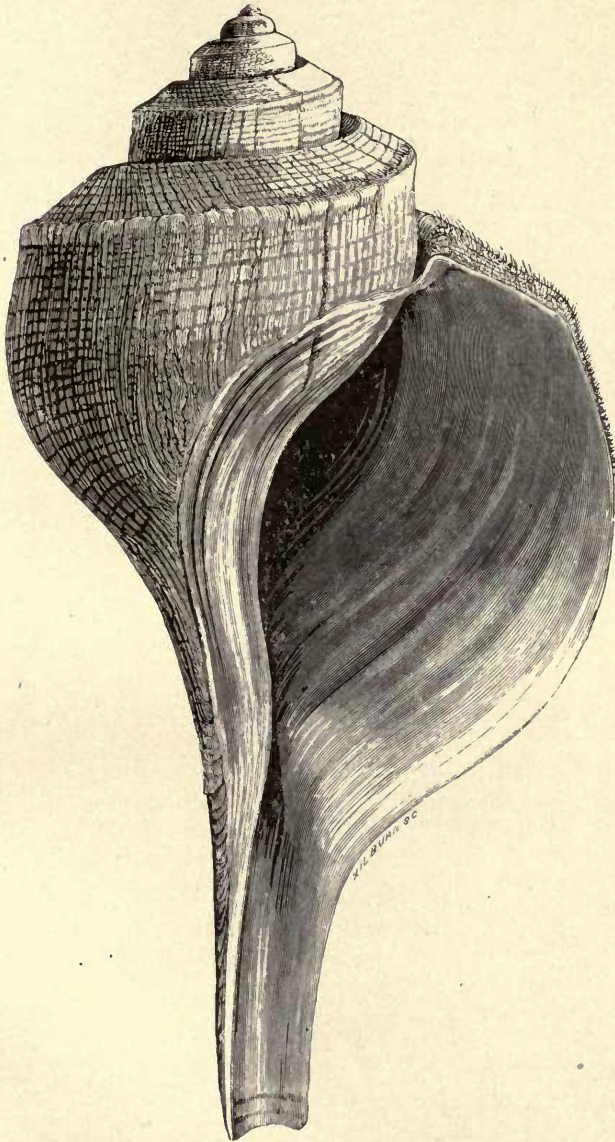


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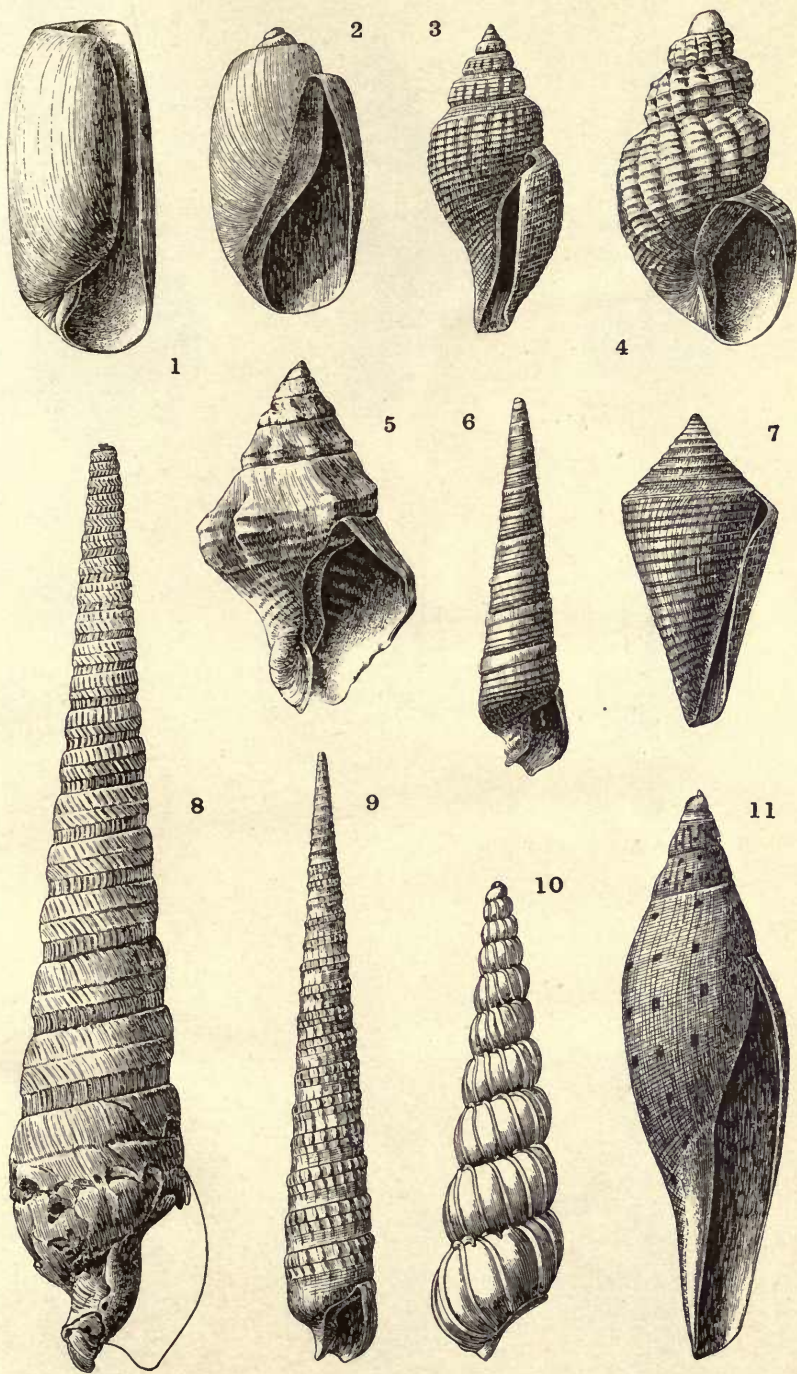


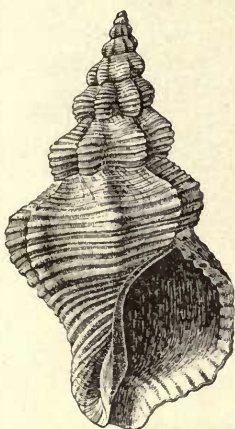
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1



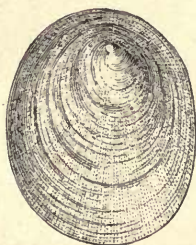
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3



4



5



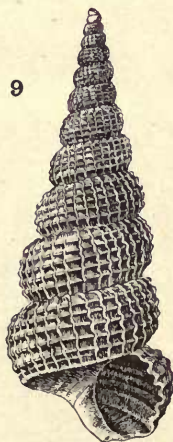
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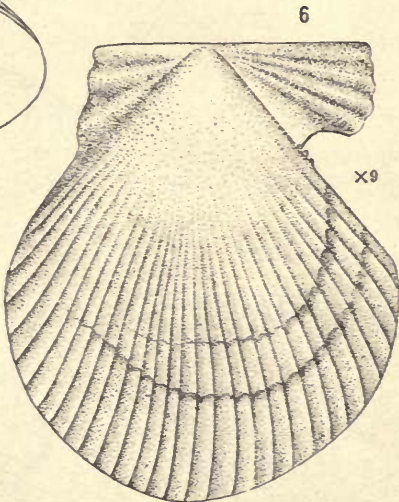
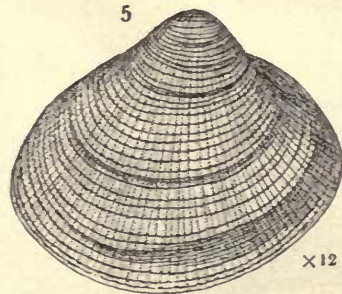
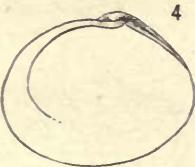
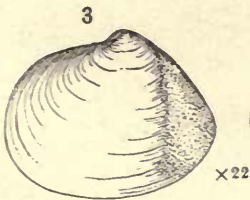
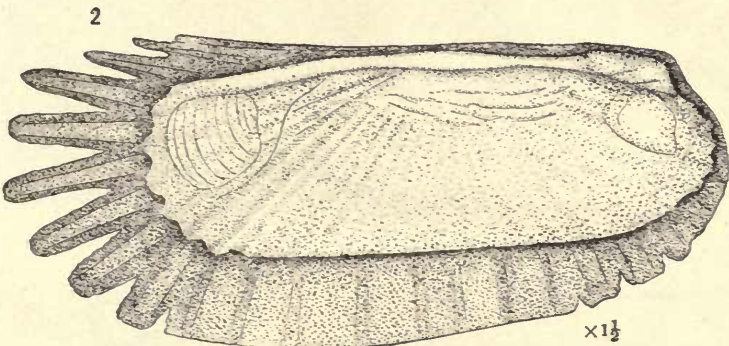
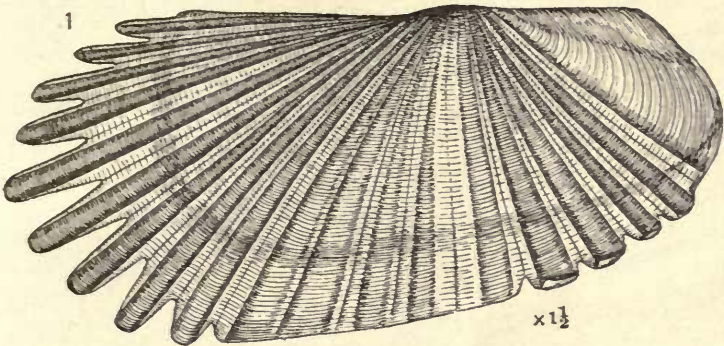
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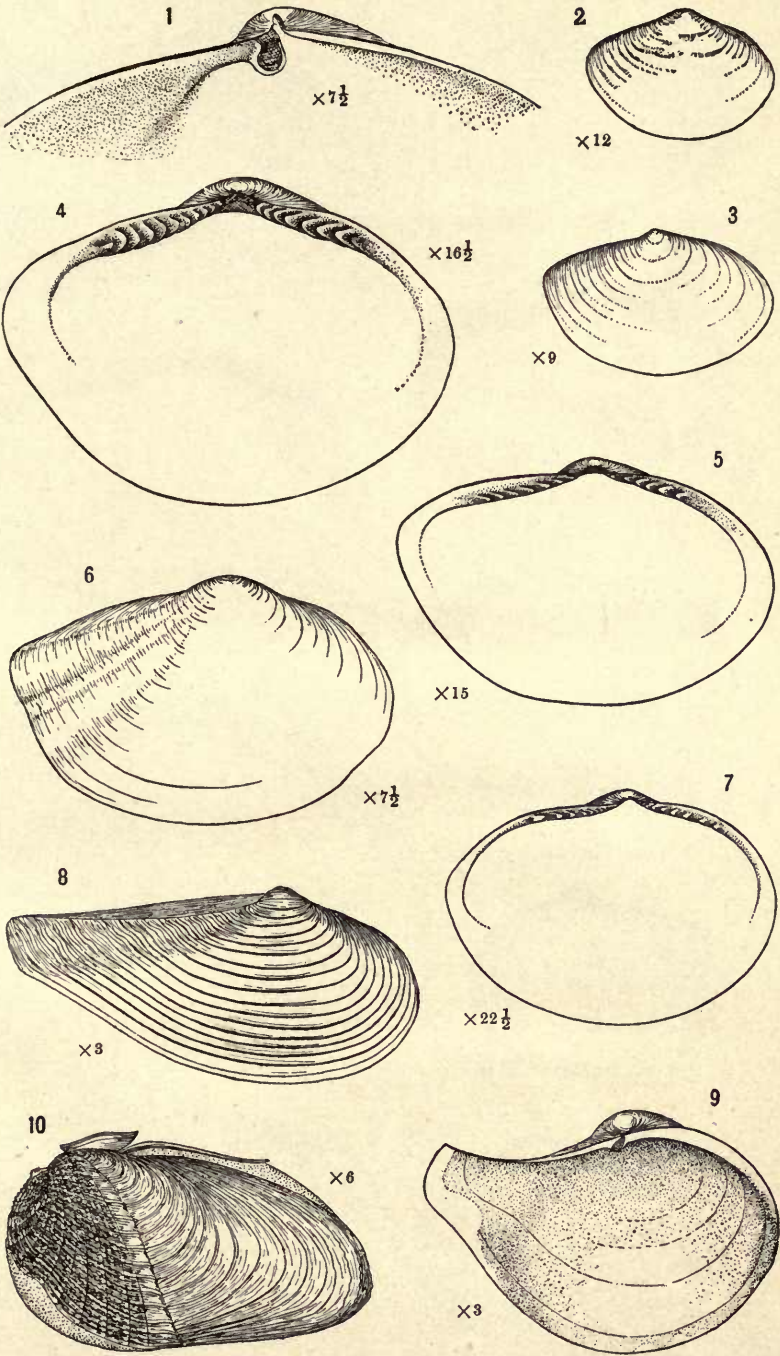


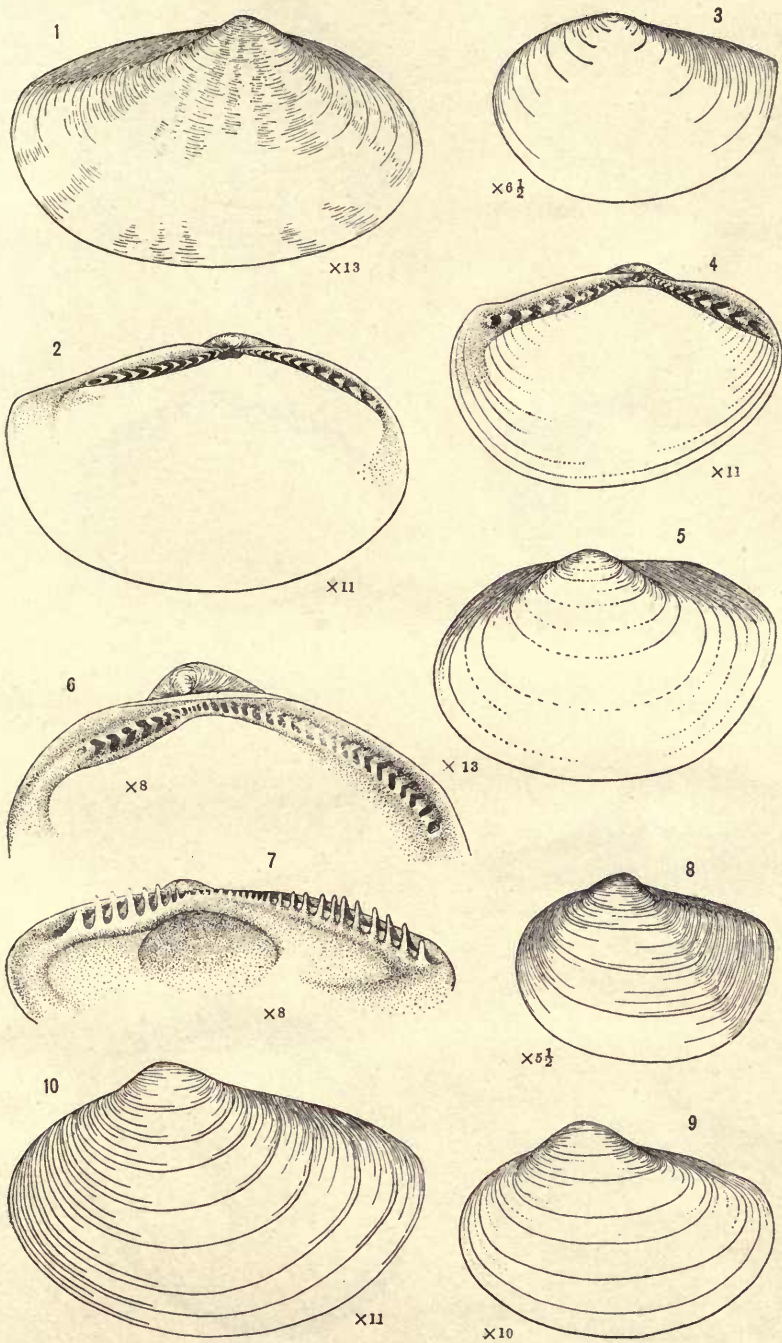
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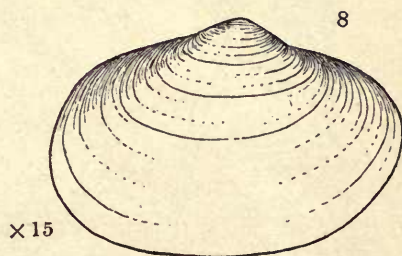
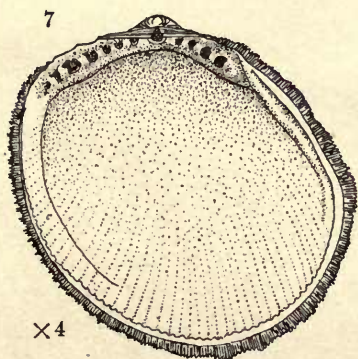
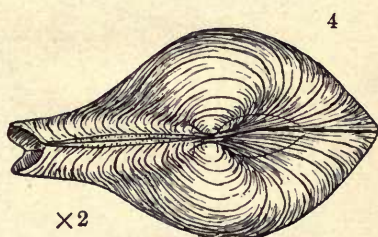
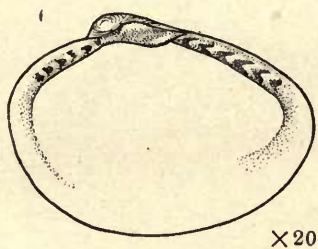
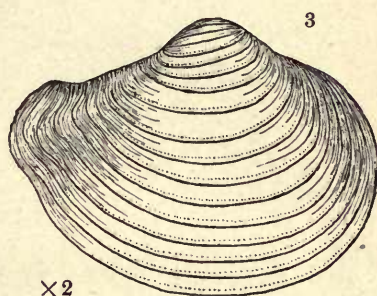
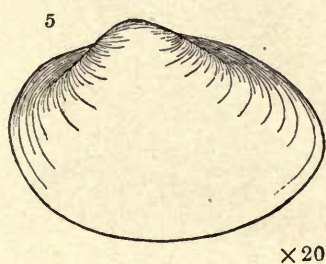
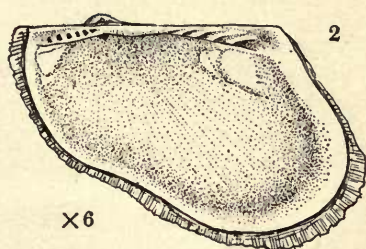
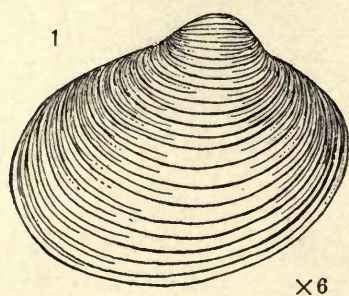


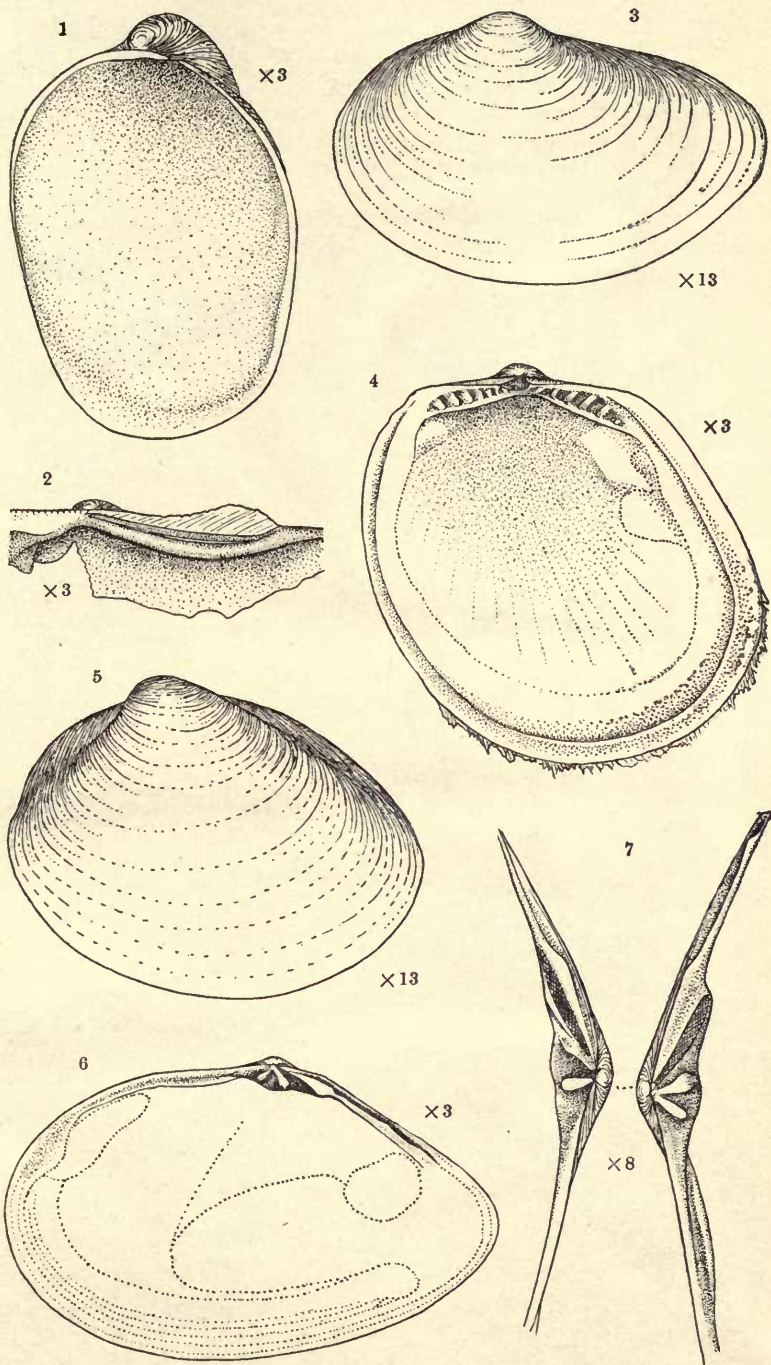
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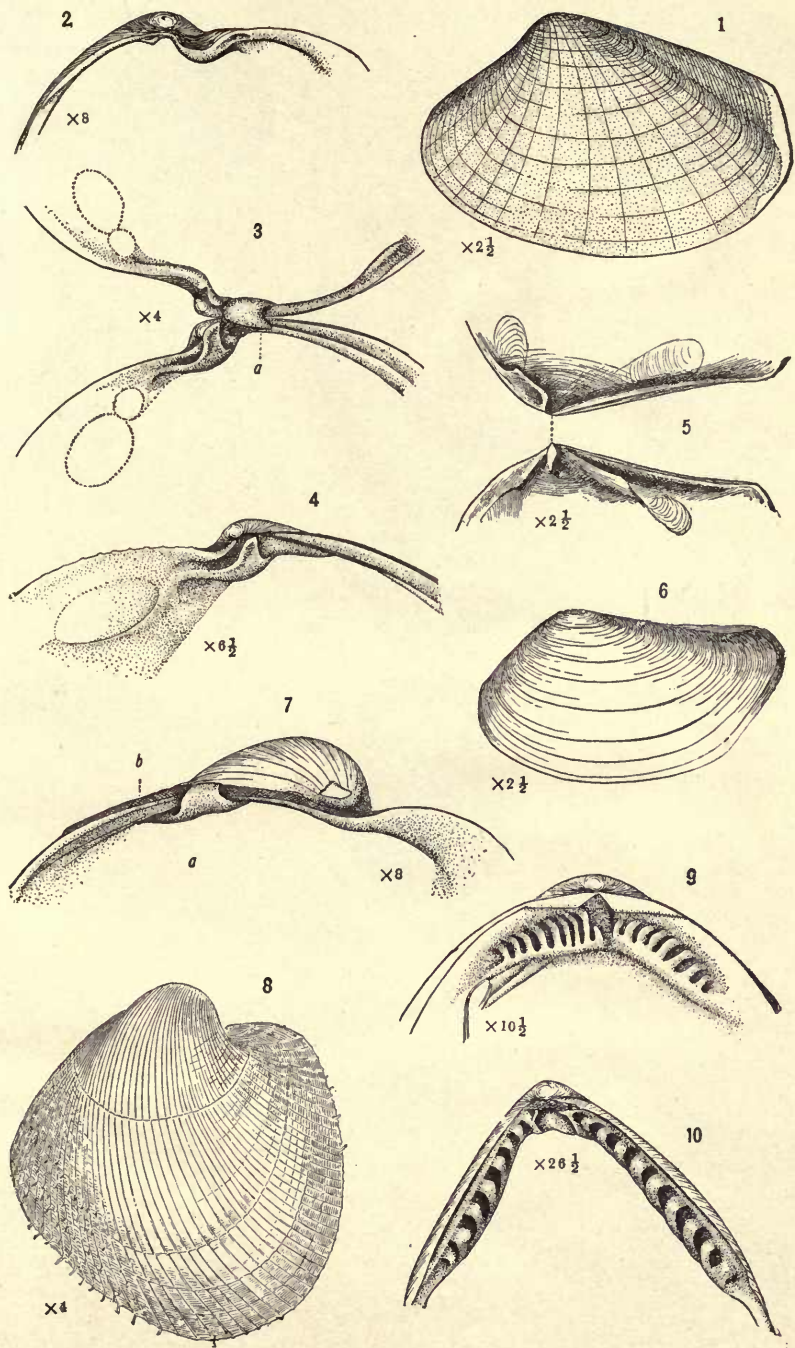


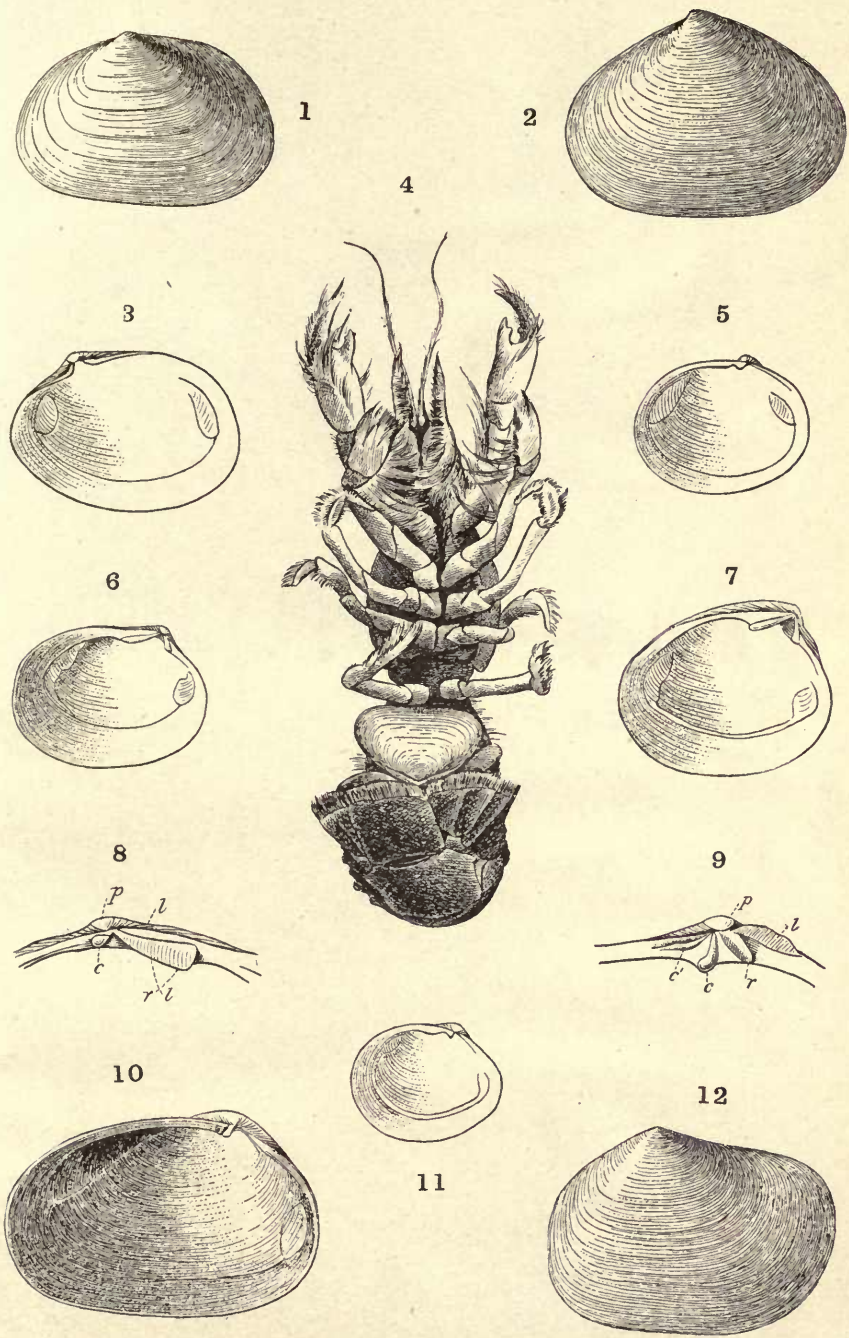


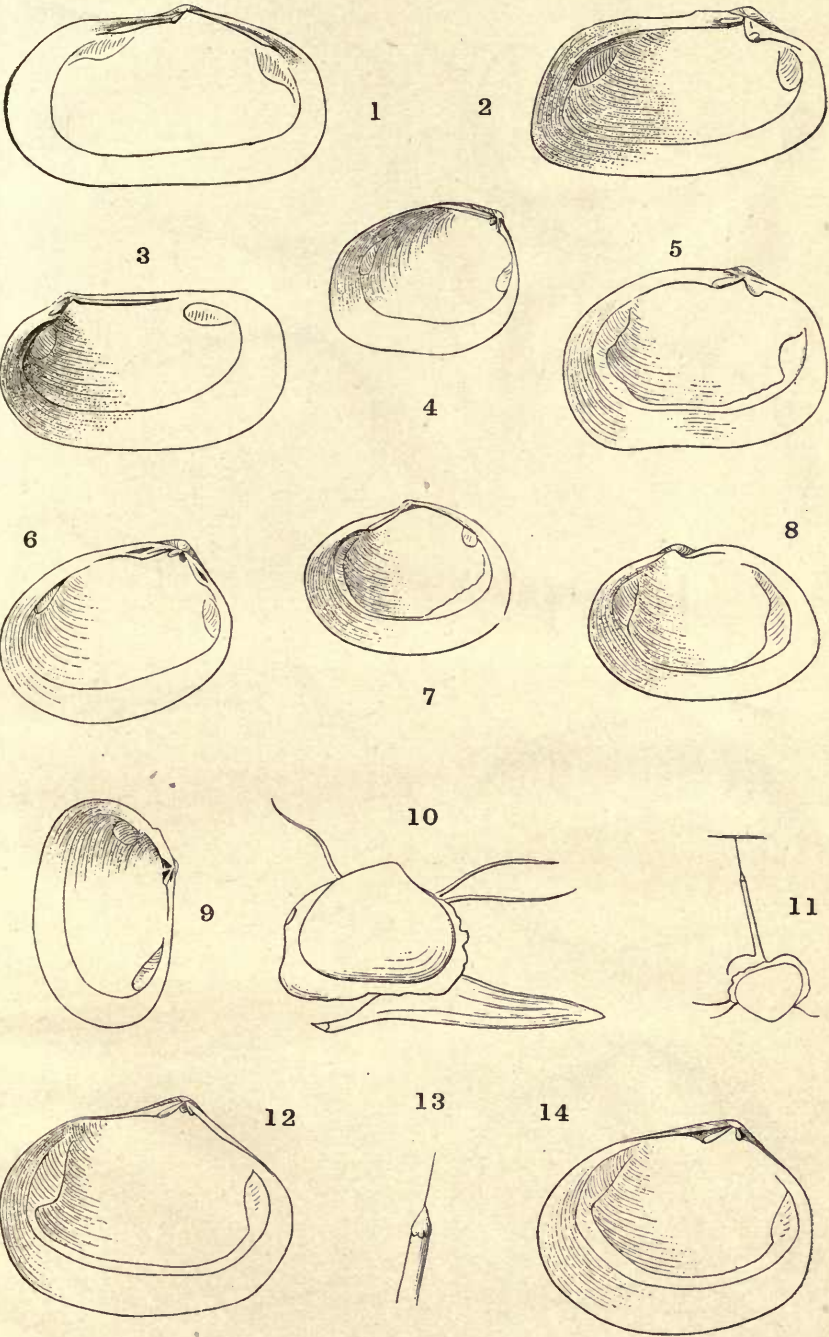


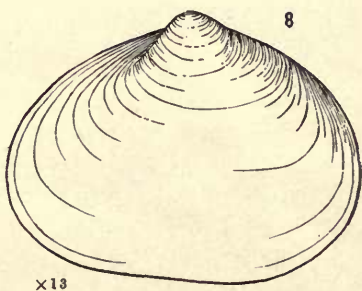
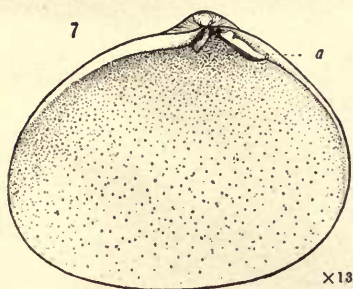
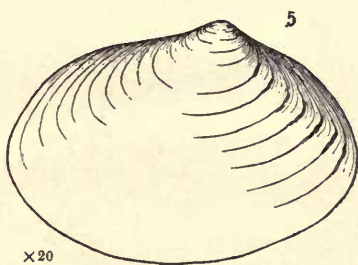
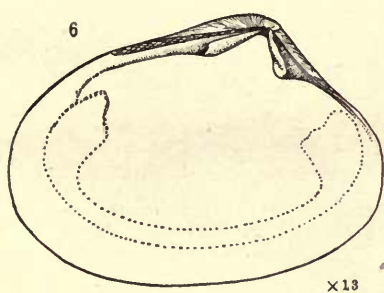
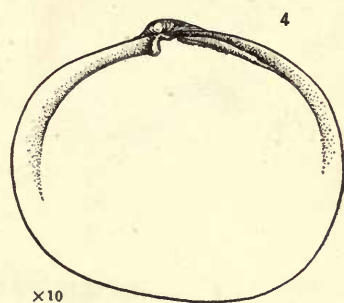
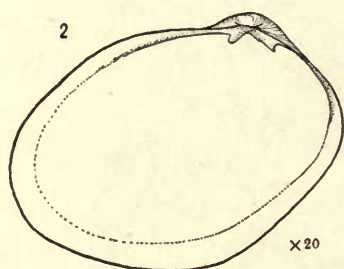
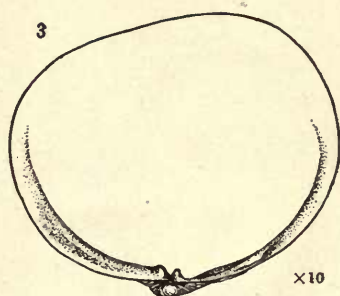
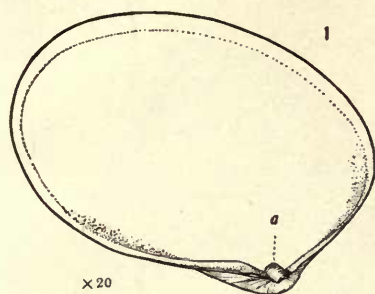


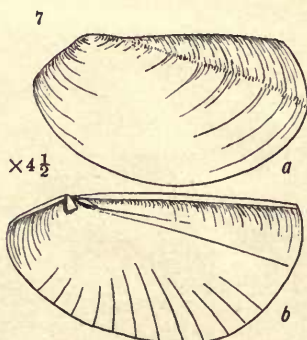
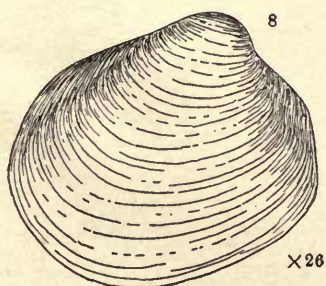
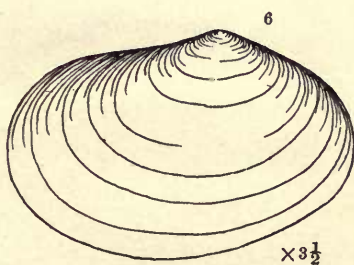
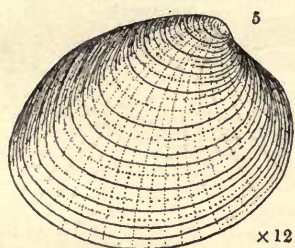
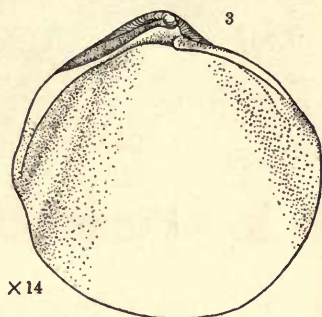
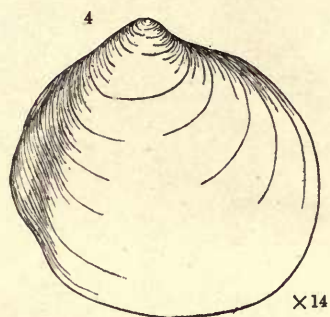
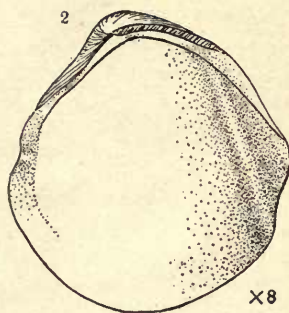
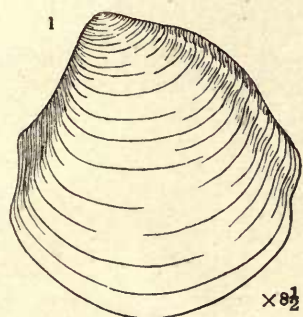


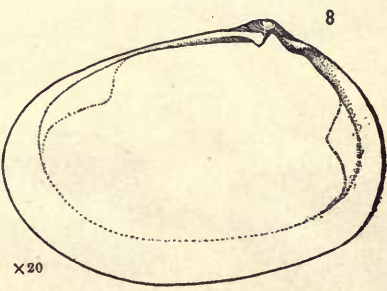
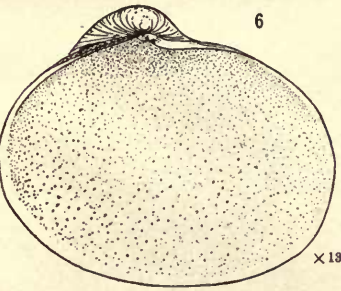
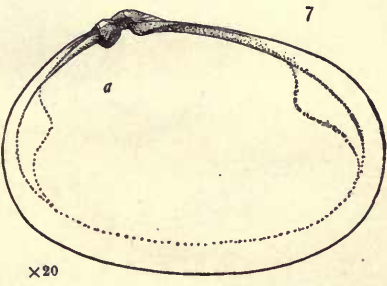
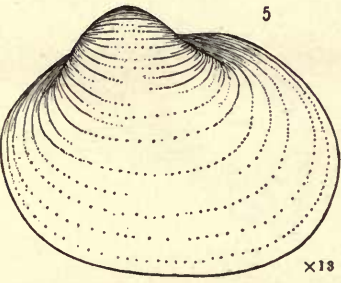
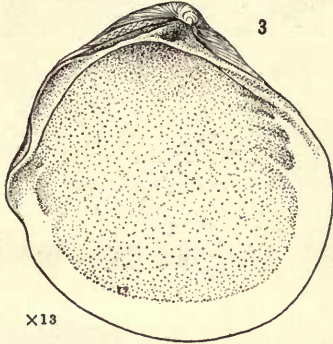
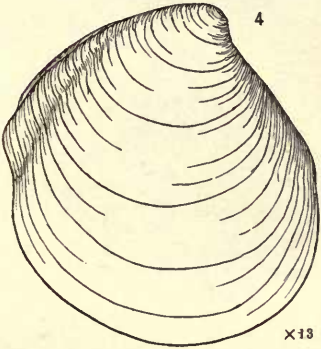
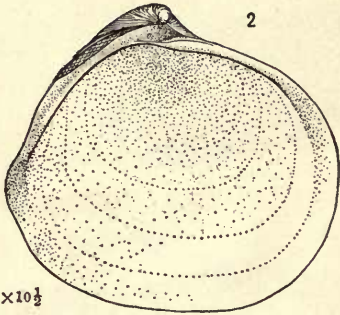
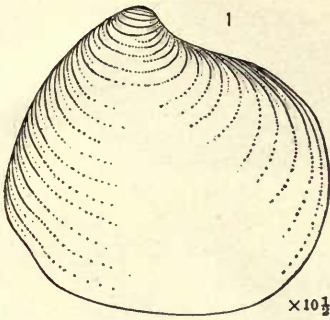


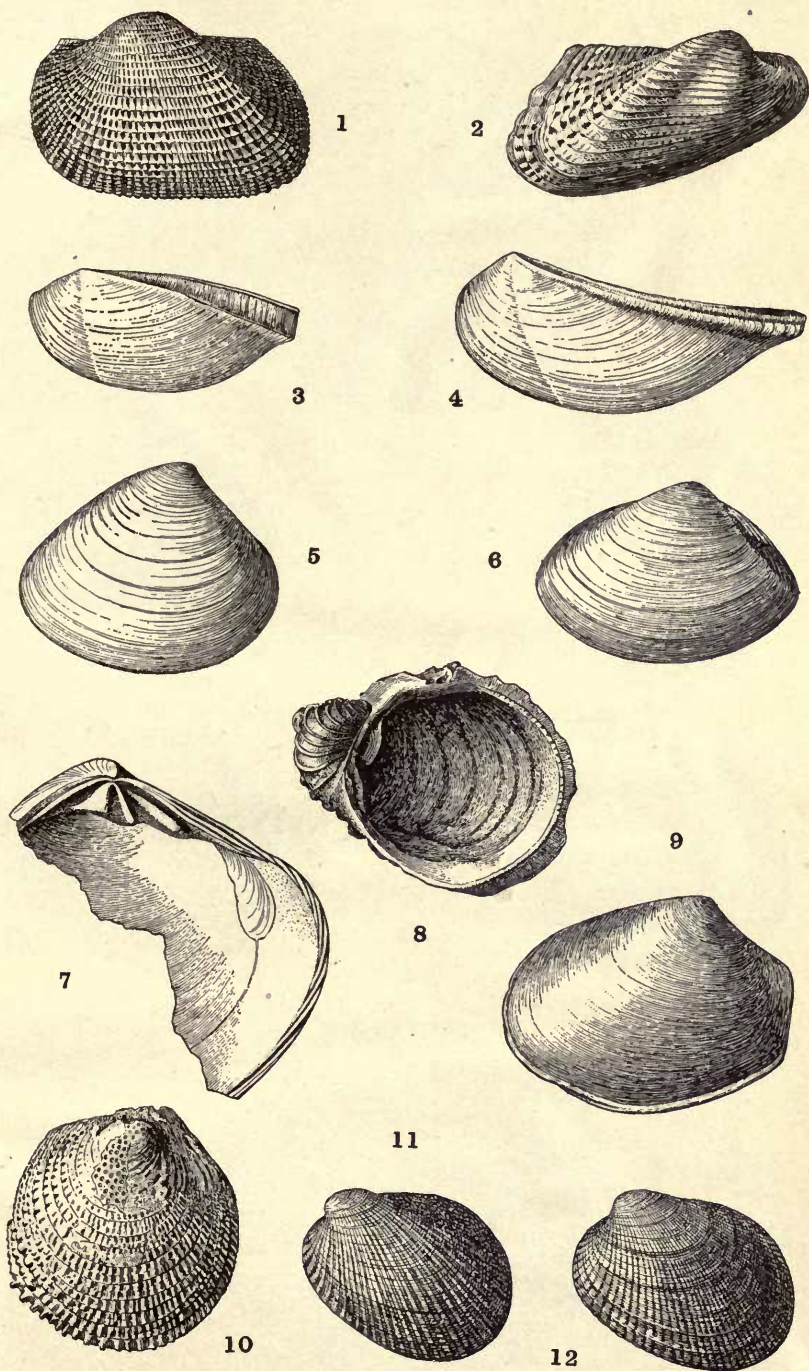


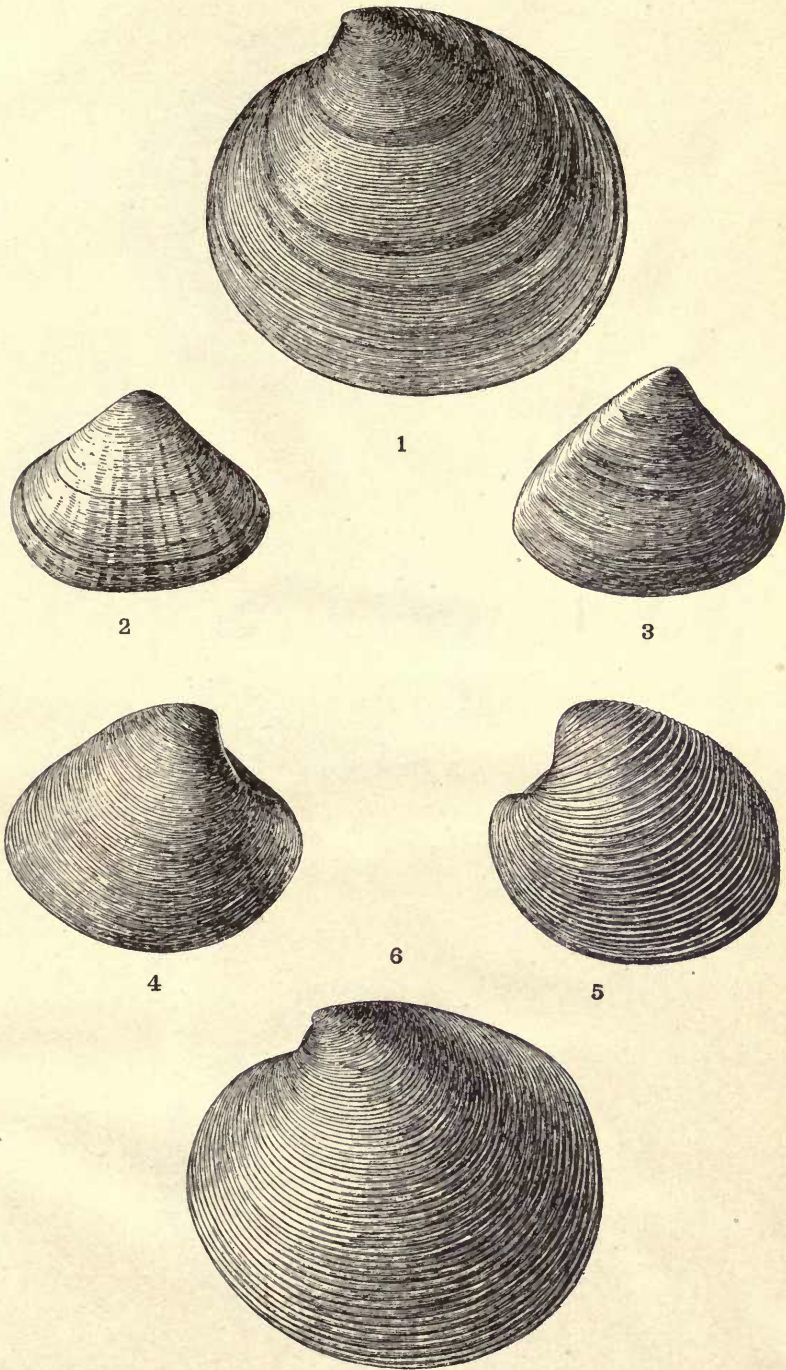


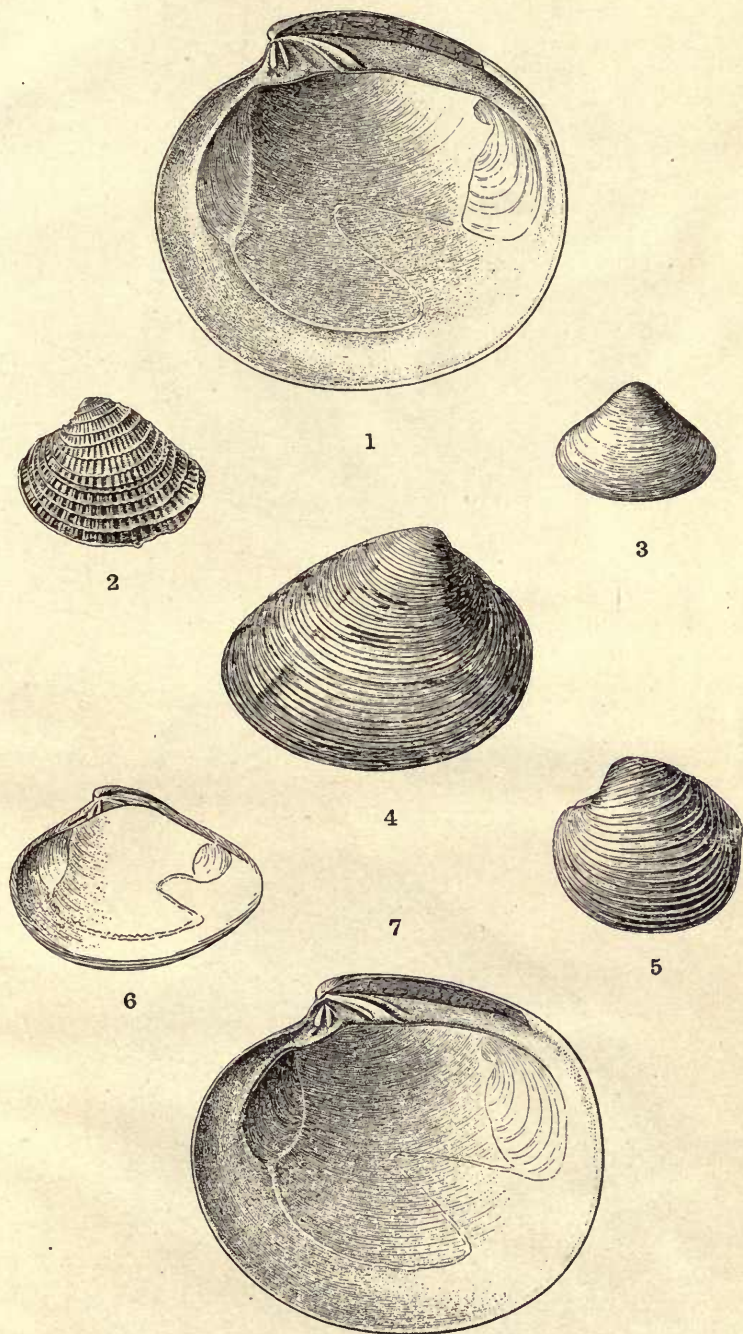


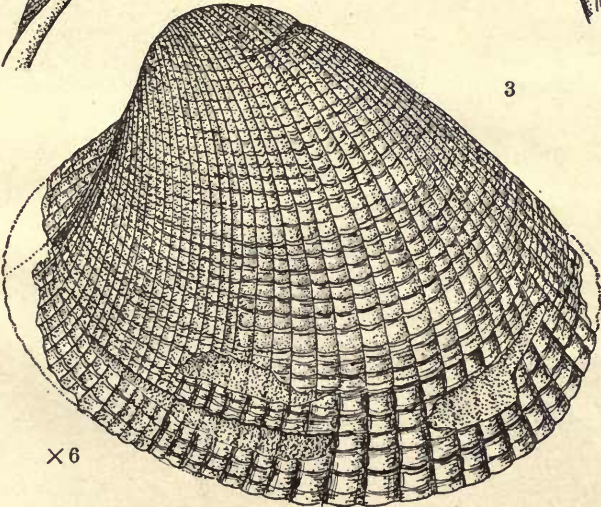
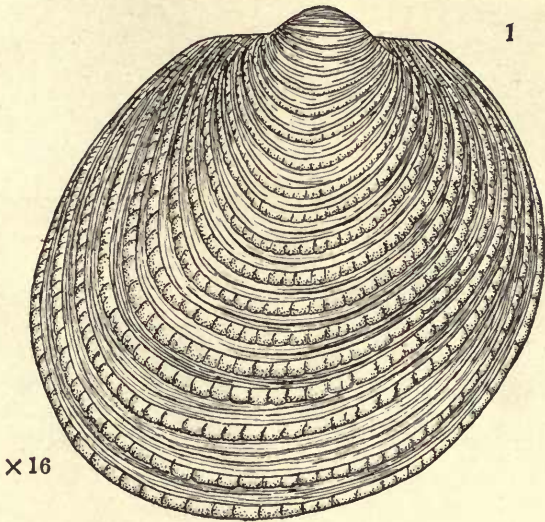


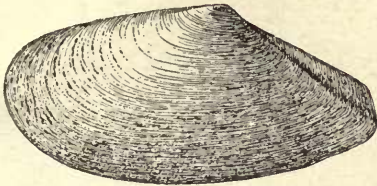




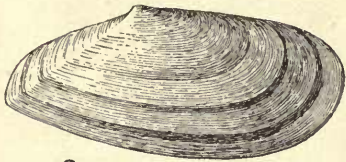




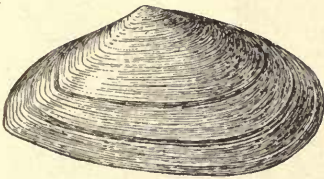




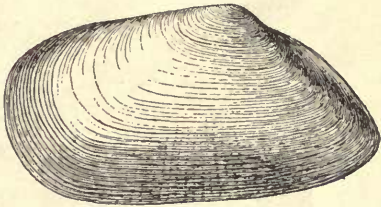
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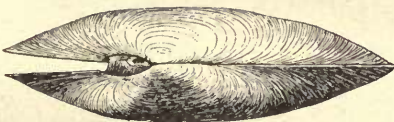
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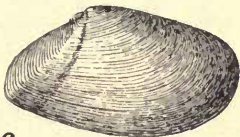
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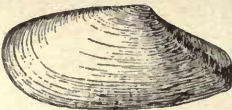
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5



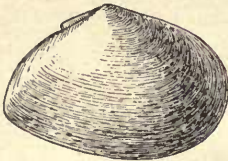
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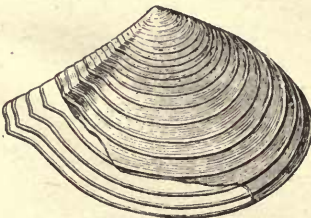
7



8



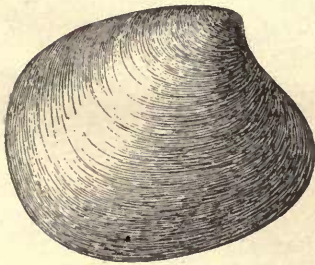
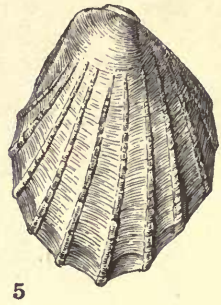
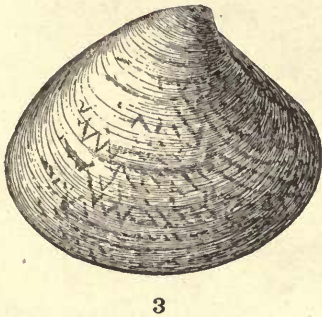
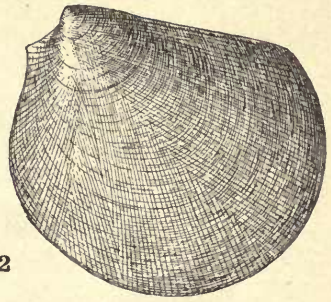
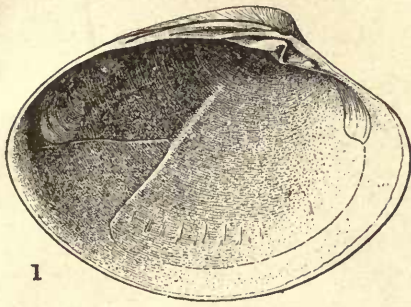
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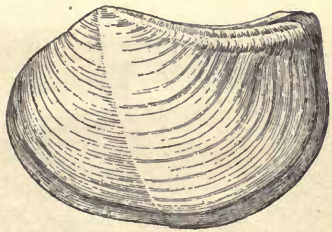


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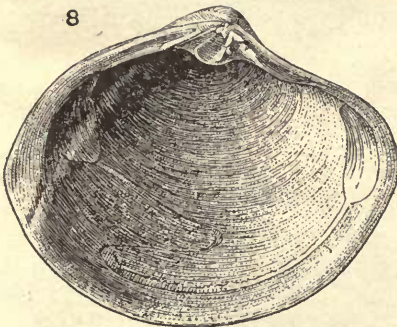


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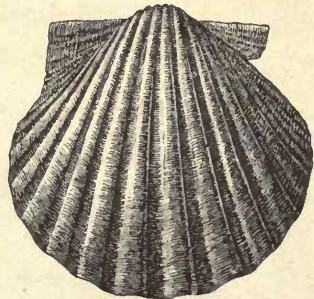
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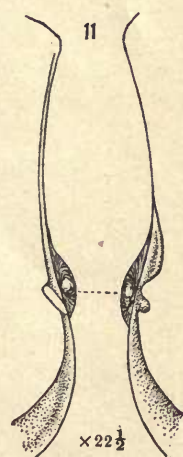
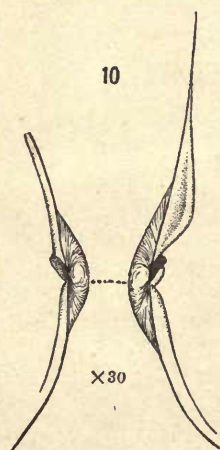
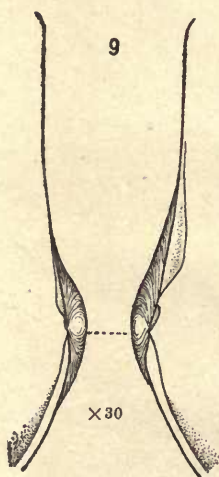
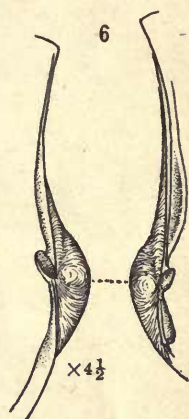
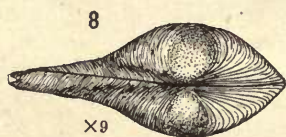
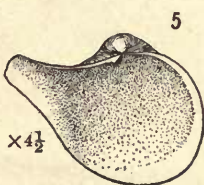
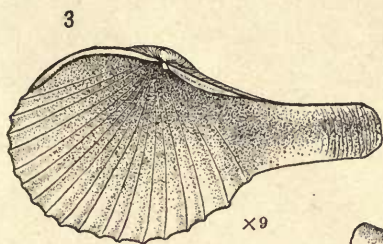
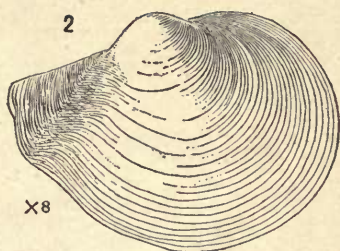
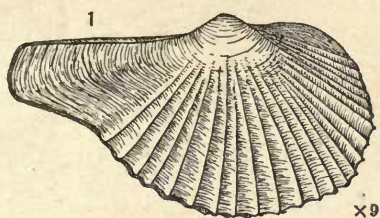


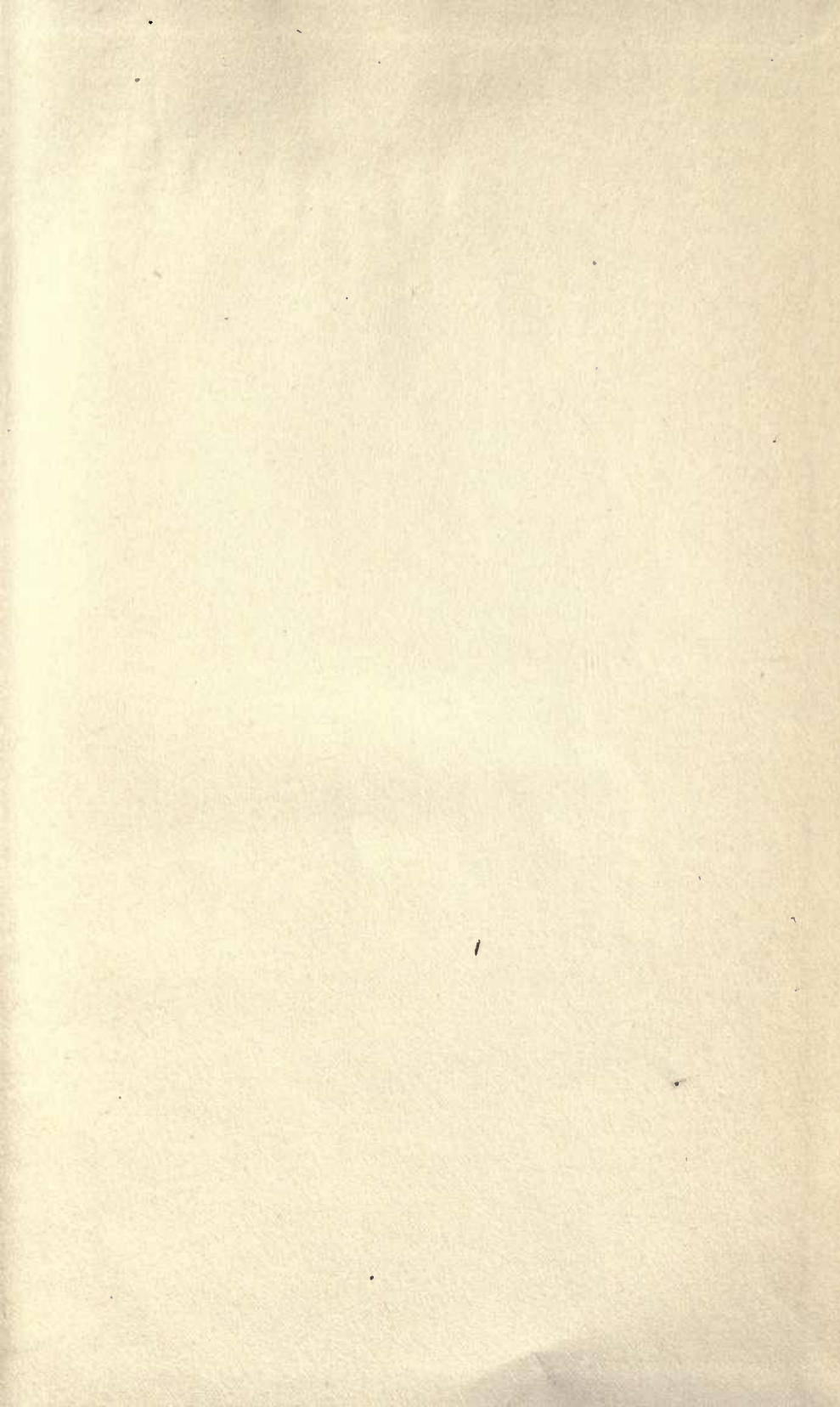
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